

ANNUAL QUALITY ASSURANCE REPORT

of

**SATHYABAMA UNIVERSITY
FOR THE ACADEMIC YEAR 2007- 08**

Submitted by

INTERNAL QUALITY ASSURANCE CELL (IQAC)



SATHYABAMA UNIVERSITY

(Established under Section 3 of UGC Act, 1956)

(A Christian Minority Institution)

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Name of the Institution: SATHYABAMA UNIVERSITY

Year of report : 2007 - 2008

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Part A

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Internal Quality Assurance Cell (IQAC) of Sathyabama University has made a significant progress, in internalizing and institutionalizing the quality enhancement policies with a conferment of autonomy in the last year. Encouraged by its efforts in creating quality consciousness among the faculty, it devised a plan for 2007-08.

The following were the main programs planned by IQAC in its meeting held on 23rd July, 2007. The primary task of the IQAC is to monitor the progress made on the suggestions given by the IQAC members appointed by the university and to prepare status reports on various issues. The recommendations of these members are thoroughly discussed in the IQAC meetings and action plan based on the suggestion is prepared. The suggestions of IQAC are put before the academic/administrative bodies of the University for initiating further action. The decisions taken are being implemented for the sustenance and enhancement of quality.

- The university is committed to empower the faculty, Research scholars and students with in depth knowledge and awareness of current developments. For that it is decided to conduct a number of international conferences on current topics of interest and areas of research by groups of departments.
- It is planned to achieve international standards by acquiring advanced expertise in the area of teaching, training and research.
- It is proposed to start new UG and PG courses with the main emphasis on inter disciplinary approach, credit based system and need based modules.
- It is planned to endeavor and update the quality of faculty members constantly in terms of academics and research
- It is planned to show an upward trend in the publication of books and research papers.
- As a part of preparation for continuous NAAC accreditation various plans were chalked out by IQAC for implementing the activities in the time bound manner.

IQAC, in its onward march towards achieving the above mentioned in the action plan, introduced modifications as and when necessary along with ongoing programmes. In the process of phased implementation, the university was able to succeed in bringing qualitative changes in academic and administrative activities. There are some areas, namely, extension and research, it has to go further to realize more meaningful outcome.

Outcome Achieved During the End of The Year 2007-2008

- Research activities are undertaken from leading government funding agency.
- Five international conferences were organized by different groups of departments.
- Four, biannual international journals were published and were released in respective conferences.
- Two Industrial visits per semester for all the students arranged by all the departments to have constant interaction with the industry
- Faculty development programs were conducted .Faculty underwent training programs, attended seminars / workshops for strengthening their technical skills.
- New UG , PG courses were initiated in various disciplines
- Special training programs / guest lectures and personality development programs were arranged.
- Placement opportunities were enhanced and students were placed in various leading organizations
- As a part of research and development work, faculty members have registered for Ph.D
- Syllabi are framed as per industrial requirements with the guidance from academic & industrial persons. New subjects were added to the curriculum and subjects are modified to suit the industrial needs.
- NCC / NSS and blood donation camps were arranged.

Part B

1. Activities reflecting the goals and objective of the University.

- ❖ The University has conducted **Five International conferences** on different engineering disciplines, Humanities & Sciences.
 - An International Conference on Trends in Intelligent Electronic Systems, **TIES 2007**, has been successfully organized by the Departments of ECE/EEE/EIE/E&C/ETCE/Physics in association with **Indira Gandhi Centre for Atomic Research (IGCAR)**, Kalpakkam, from 12 –14, November, 2007 .
 - An International Conference on Trends in Information Sciences and Computing, **TISC 2007**, has been successfully organized by the Departments of CSE/IT/MCA/MBA/MSc/Maths in association with **Tata Consultancy Services(TCS)**, Chennai, from 12 –14, December 07.
 - An International Conference on Applied Bioengineering, **ICAB 2007**, has been successfully organized by the Departments of BioTech/Bio-Info/Bio-Med/Chemical/Chemistry, in association with **National Institute of Ocean Technology (NIOT)**,Chennai, from 5 – 7, December 07.
 - An International Conference on Emerging Challenges in Design and Manufacturing Technologies, **ECHDEM 2007**, has been successfully organized by the Departments of Mechanical/Mechanical Production/Civil/Architecture, in association with **Combat Vehicles Research and Development Establishment CVRDE**,Chennai from 28th – 30th of November 07.
 - English Language teachers' Association of India, an Associate of IATEFL. UK. American Embassy and British Council has conducted an International Conference on the theme- Learning to Teach: A life Long Journey- 8-10 February, 2008.
- ❖ Four Bi-Annual International Journals were released in respective International Conferences viz., Journal on Intelligent Electronic Systems (JIES), Journal on Applied Bio-Engineering (JAB), Journal on Design & Manufacturing Technologies (JDMT) & Journal on Information Sciences & Computing (JISC).

- ❖ Syllabus up-gradation in line with industrial needs and emerging areas of current interest in Engineering & Technologies has been carried out.

Restructuring and introduction of new courses: The following aspects have been addressed while designing/redesigning new courses:

- Interdisciplinary approach
 - Credit based system
 - Introduction of need based modules
 - Encouraging cross disciplinary and cross faculty participation
 - Common instruction in all PG courses for common courses
 - Project work in industry
 - Guest faculty drawn from the industry
 - Global competitiveness
- ❖ An air-conditioned University Auditorium has been constructed recently with a capacity of more than 600 seats for conducting National/International Conference for the students, researchers and staff and set higher international standards in Professional, Scientific and R &D activities. It will also be a platform to encourage and inspire intellectual diversity and innovation.
 - ❖ To enhance the capabilities in specific areas of design and development of electronic products, few students' projects have been identified and proposals for submission to various organizations for grant-in aid support are in progress.
 - ❖ Rs. 4.5 Lakhs Biogas Plant Project, sponsored by MNES & TEDA, as additional infrastructure for the mess, supervised by chemical department has been completed.
 - ❖ Rs. 1.13 Crores Solar Steam Cooking System Project, sponsored by MNES & TEDA as additional infrastructure for the mess, was also supervised by chemical department and expected to be completed within the next 6 months.
 - ❖ Many faculty development programs & workshops were conducted by various departments.
 - ❖ Students are encouraged to work on research oriented projects like urban design, green buildings, sustainable development etc.
 - ❖ Students are motivated to participate at National level academic competitions regularly.

- ❖ Career development programs and personality development programs were organized for the benefit of prefinal year students in order to help them in campus recruitment.
- ❖ For familiarization with industrial environment industrial visits are arranged and students have undergone inplant training.
- ❖ Experts from the field of Engineering are invited for guest lecture.
- ❖ Students are encouraged to attend student level symposiums, seminars, national & international level conferences.
- ❖ Constant encouragement is given to the students for their sports activities.
- ❖ Staff and students are motivated to involve themselves in research oriented activities.
- ❖ The student level prize winners in paper presentation at symposium and conferences are given cash awards and certificates.
- ❖ Constant support is provided to the students from management and faculty to do the outstanding projects.
- ❖ Research Support: The University promotes synergy between teaching and research, and encourages its faculty to undertake research and thus contribute to the advancement of knowledge. Several research projects have been started in the year 2007.
- ❖ Staff members are advised to undertake research projects from reputed research organizations and funding agencies such as DST, DRDO, ISRO, IGCAR etc.

2. New academic programmes initiated (UG & PG)

The following are the new Academic Programmes that have been introduced to enhance the career of the students in the academic year 2007-2008.

S.No	Department	Academic programmes
1	MBA	B.Com-3 years UG program
2	MCA	BCA-3 years UG program
3	M.Ed	
4	BIO-TECH	M.Phil (Biotechnology)
5	MECHANICAL	BE Automobile

The following are the Proposed Academic Programmes for the year 2008-2009 .

S.No	Department	Academic programmes
1	ECE	B.Tech-VLSI Design
2	ECE	B.E-Industrial Electronics
3	ECE	B.E- Microelectronics and Communication
4	E&I	M.E –Industrial Electronics & Instrumentation
5	E&C	M.E-Advanced process control
6	AERO	M.E. Aeronautical Engineering
7	CIVIL	M.E-Transportation & Urban Engg.

3. Innovations in Curricular Design and Transaction

The basic aim of the innovation in curricular design is to upgrade the standard of the syllabi so as to enhance the standard of the curriculum on par with the latest development in science and technology and also produce skilled engineer's pleasingly demand in industries for placement.

The following are the newly introduced innovations in curricular design.

1. Introduction of new elective and modification in experiments as staged in syllabi in consultation with leading industries.
2. Credit system has been introduced for all PG programmes. Cumulative Grade Point Average Calculation on a 10 scale basis has been introduced to describe the overall performance of a student from first semester to the last semester. As minimum requirement for award of P.G. degree, a student should have obtained a minimum of 5.0 CGPA.
3. One day in a week has been allotted in the timetable for M.Arch to have interaction with the industry
4. Japanese language has been introduced as an additional optional subject for UG(CSE & IT) students.
5. Department of Electronic Sciences has introduced Functional English to BSc. Students which is Practical Oriented.

6. A Scientific exhibition was held at Sathyabama University on March, 2008, best research findings of our students were exhibited (Technovation – 08).
7. Department of EIE provides new labs like Biomedical Instrumentation Laboratory, Digital Signal Processing, Instrumentation System Design Laboratory.
8. Soft Skills Training, Group Discussions and Power Point Presentations were conducted for the I Year students to improve the Communication Skills by the Department of English.
9. In Architecture Department, M.Arch students are asked to do one month training in the firms of Building services and submit a report at the end of the training as a part of their curriculum.

4. Interdisciplinary Programs Started

In order to enhance the knowledge of students where the application is required by interdisciplinary programs, various courses are organized at the University itself at various departments.

The following are the interdisciplinary courses started in the academic year 2007-2008.

Sl.no	Department	Name of the Programs	Conducting Department
1	All Departments	C++, Java, J2EE, Visual Programming	IT
2	All Departments	Certificate Course in CAD Software	Mech & Prod
3	All Departments	Certificate Course in CNC Programming	Mech & Prod
4	Bio – Tech	French, German	Concerned Consulate
5	CSE, IT	Japanese	Japanese Consulate
6	Bio – Info	Applied Nanotechnology	Bio – Tech
7	Bio – Info	Tissue Graft Engineering	Bio – Tech
8	Bio – Info	Quantum Chemistry for III yr B.Tech	Chemistry
9	Bio – Info	Advanced Computer & Machine Learning	CSE
10	B.Ed	Physical science for B.Ed programme	Chemistry

11	B.Sc, Microbiology, Bio-Tech,Bio-chem	Fundamentals of Chemistry	Chemistry
12	MBA	Bachelor of Commerce (B.Com)	MBA
13	All Departments	Certificate Course in Multi Media	Vis.Com
14	Circuit Departments	Quiz Program	ECE
15	B. Ed	Work shops	English
16	All Engg Branches, MCA	Soft Skills training	English

5. Examination reforms implemented

The examination reforms implemented, during June – December, 2007, are as follows:

1. It has been decided to put the results and marks of the candidates in university website after revaluation.
2. A separate software package is developed to collect department wise and course wise student's information so that computerized hall tickets can be issued to the students to avoid impersonation cases and also to reduce lot of manual work.
3. It has been decided to generate Electronic Data Processing system (EDP), at the examination cell, to generate computer based transcripts, hall tickets and other university certificates.

6. Candidates qualified

The following table shows the list of candidates qualified for GATE/CAT/GRE/SLET.

NO OF CANDIDATES QUALIFIED IN GATE/NET/CAT/GRE/SLET

DEPARTMENT	NO OF CANDIDATES	TYPE OF EXAM
IT	8	GATE
MECH	2	GATE
CHEMICAL	12	GATE
ECE	3	GATE
CIVIL	1	GATE
EEE	1	GATE
ARCH	5	GATE
E & C	3	GATE
AERO	2	GATE

BIO-INFO	1	GATE
IT	2	NET
BIO-TECH	5	NET
BIO-INFO	6	GRE
CIVIL	4	GRE
EIE	5	CAT
E & C	1	NITAT
BIO-TECH	1	SLET
EDUCATION (B.Ed)	1	SLET

7. Initiative towards Faculty development programmes

The objective of introducing **Faculty Development programmes** is to conduct or encourage in attending training programmes for developing the knowledge of faculty members. The faculty members from various departments attended various faculty development programmes and the list is given in **ANNEXURE – I**.

8. Number of Seminars & Workshops

The following table gives the details of the workshop /seminar conducted at our university during the year2007-2008. The list of such seminars / workshops conducted is enclosed in **ANNEXURE – II**.

9. Research projects

a) Newly implemented

Apart from the ongoing projects, the following are the new research Projects approved by various Research organizations during the academic year 2007-2008. The details are given below.

Sl.No	Title of the on going Research Project	Investigator/ Coordinators	Department	Remarks
1	Feasibility Study, Design and Development of Mini Robot (12 Months)	Dr.N.Manoharan & Dr.B.Sheela Rani	EIE	DRDO
2	Cavitation Prediction in Pumps using wavelet analysis (1.5 Years)	Dr.N.Manoharan & Dr.B.Sheela Rani	EIE	IGCAR
3	Application of Advanced Signal Analysis Approaches for Enhanced Detectability of Defects in Thick Walled Weldments by Time of Flight Diffraction (ToFD) and Corelation with High Sensitivity Radiography and with Other Advanced NDE Techniques (2 Years)	Dr.N.Manoharan & Dr.B.Sheela Rani & Dr.B.Venkatraman	EIE	BRNS
4	Development of Digitisation protocols and application of image processing and soft	Dr.N.Manoharan & Dr.B.Sheela Rani	EIE	IGCAR

	computing tools for evaluation of radiographic weld image (2Years)			
5	Cavitation detection in pressure drop devices based on artificial neural network prototype Fast Breeder Reactor (2 Years)	Dr.N.Manoharan & Dr.B.Sheela Rani	EIE	IGCAR
6	Hydrodynamics and mass transfer studies on pulse column with Disc & Doughnut internals (3 Years)	Dr. Soundarajan Krishnan & Prof. J. J. Anand	Chemical	IGCAR
7	Photocatalytic degradation of n-butanol (2 Years)	Dr. S. Lathasree	Chemistry	IGCAR
8	Synthesis & Thermo Electric Studies on filled skutterudites (3 Years)	Dr.T.Alamelu	Chemistry	DST
9	Time Domain dielectric spectroscopy studies on the interaction of collagen with surfactants in aqueous solutions (2 Years)	Dr. R. Sampath Kumar	Physics	DST

10	Development of Zirconia Coating on Alumina and High Density Graphite Crucibles by Electro phoretic Deposition for Application in Pyrochemical reprocessing (2Years)	Dr.N.Manoharan & Mr. Jeyaraman	Nano	IGCAR
11	Improving the Antimicrobial Properties of Condenser Material by Surface Modification using Nanotechnology (2 Years)	Dr. Vinita Vishwakarma & Dr.N.Manoharan	Nano	IGCAR
12	Optimization of Process Parameters and Nano-mechanical Properties of Coatings using Artificial Neural Network (2 Years)	Mr. P. Sardar Maran & Dr.N.Manoharan	Nano	IGCAR
13	Synthesis of Carbon Nanotubes sensors for gas sensing applications (2 Years)	Mr. P. Jayaraman & Dr.N.Manoharan	Nano	IGCAR
14	Use of Temple Tanks for Artificial Recharge – A Case of Arulmigu Maruntheeswarar Temple Tank, Thiruvanmiyur, Chennai. (12 months)	Ms. S.K. Pramada	Water Research	DST

15	Productivity Improvement of Waste Land through Artificial Recharging of Tank Water – A Case of Thuringalar Minor Basin, Tamil Nadu. (12 months)	Dr. K. Santhanam	Water Research	DST
16	Studies on eco toxicology of Engineered Nano particles in selected Marine Organisms (24 months)	Dr. Radhika Rajashree & Dr. V. Ganesh Kumar	Ocean Research	DBT
17	Microbial ensilation and co-fermentation of shell wastes for recovery of biopolymer (24 months)	Dr. L. Stanley Abraham & Dr. Radhika Rajashree	Ocean Reseach	DST

- The Department of Computer Science and Engineering has proposed data mining provided consultancy to IGCAR for the project **“Infrastructure asset management”**
- The Department of Information Technology has initiated the Work on GIS based Web Services for emergency management of Chennai city.
- The Department of Aeronautical engineering has started the research on composite material.
- The new projects proposed by the Department of Mechanical and production are
 - Machining of Composite materials.
 - Welding of Titanium Alloy.

- Delamination studies on drilling of fiber reinforced composite materials.
- Drilling studies on Wood composites.
- Development of Nano composites.
- Development of MQL system for machining processes.

b) Research Projects Completed

We have successfully completed the following research projects in the academic year 2007-2008 to various research organisations. The details are given below.

Sl. No	Title of the completed Project	Investigator / Coordinators	Department	Funding Organization
1	Location based services for emergency Management (2 Years)	Dr. T.Sasipraba	IT	DST
2	Development of Wavelet based tools & Neuro fuzzy control software for online weld monitoring thermal imaging (2 Years)	Dr.B.Sheela Rani Dr.N.Manoharan	EIE	IGCAR
3	Indigenous design & development of Teletector (18 months)	Dr.B.Sheela Rani Dr.N.Manoharan	EIE	IGCAR
4	Study and Development of Algorithm for obstacle detection through 3D scene Generation from 2D images (12 months)	Dr.B.Sheela Rani Dr.N.Manoharan	EIE	DRDO

5	Study and Development of Thermal Image Processing Algorithm for Land Mine Detection (12 months)	Dr.B.Sheela Rani Dr.N.Manoharan	EIE	DRDO
6	Optimization of Weld Parameters of Aluminium-Lithium Alloy including Weld Repair Protocol (2 Years)	Dr.N.Manoharan	Research	ISRO
7	Corrosion behaviour and characterization of Aluminium Alloy 2219 in different media under different conditions (2 Years)	Dr. A. Sheik Mideen	Chemistry	ISRO
8	Synthesis and Electrical Resistivity studies on filled Skutterudites (1 Year)	Dr. T. Alamelu	Chemistry	ISRO
9	Heat transfer studies in a Porous Media (2 Years)	Dr. Soundarajan Krishnan	Chemical	ISRO
10	Cascaded Multi Temperature Solar Thermal, Latent Heat Storage System (2 Years)	Dr. B. R. Ramesh Babu	Aeronautical	DST
11	Morphological Change Detection using SAR interferometry in the Tsunami affected Coast of Tamil Nadu (1 Year)	Dr. A. Surendran	Remote Sensing	ISRO

12	Inlet Information System for Tamil Nadu (3 Years)	Dr. A. Surendran	Remote Sensing	ISRO
13	Generation of large scale Village Resources Information System (VRIS) for the Tsunami affected village / block using Remote Sensing and GIS techniques (1 Year)	Dr. V.E. Nethaji Mariappan	Remote Sensing	ISRO
14	Spatial Decision Support System to suggest Sustainable Agricultural Crop Pattern for Udumalpet Canal Command Area (2 Years)	Dr. A. Surendran	Remote Sensing	ISRO
15	Biomass estimation of Teak Forests using Microwave Remote Sensing (2 Years)	Dr. A. Jeyaseelan	Remote Sensing	ISRO
16	Monitoring of Coastal Environment with special reference to disaster mitigation using high resolution satellite data and GIS	Dr. A. Jeyaseelan	Remote Sensing	ISRO

10. Patents generated, if any

1. Mr. Rohan Krishnan of III year ETCE got the patent for his project “Smart Robots” in March 2007.
2. Prof. E. Logashanmugam, Dr. V. Kannan and Prof.S.Rajarajan of ECE Depart. have filed the patent for their work on “RFID Based Information System for the Visually Handicapped and Hearing Impaired Passengers in Railways”.
3. Dr. V. Kannan and Dr. P. E. Sankaranarayanan of ECE have filed patent for their project “MODFET Optical Detector”.

11. Collaborative Research Programmes

Collaborative Research is done with the following universities and research institutes.

- Setting of Electronic Test Engineering Lab in Collaboration with Q Max India Limited
- Establishing an Advanced Centre for Nano-Technology in Collaboration with University of Arkansas, United States of America.
- Establishing the Centre for Nano Science and Nano Technology in Collaboration with Indira Gandhi Centre for Atomic Research, Government of India, Kalpakkam.
- Establishing the Centre for Ocean Research in Collaboration with National Institute of Ocean Technology, Chennai.
- The department of Aeronautical Engineering has initiated a Collaborative research with aviation industry in “Composite materials”.
- Chemical engineering department has started a work on “Marine Algae as a Biosorbent for the Treatment of Heavy Metals Contaminated Industrial Wastewater” in collaboration with DST.
- Department of mechanical & production engineering has taken the following collaborative programmes.
 - A work has been started with CIPET for R&D
 - Consultancy works with National Instructional Media Institute (NIMI) for preparing course materials for turners, machinist trades.

- A collaborative research has undertaken in the area of machining of composites with University of AVERO, Portugal.
- The department of Bio- Technology has got collaborative programmes with NIOT, Dr.MSSRF, SRMCRI, CLRI , IGCAR KALPALM.
- The department of Bio- Informatics has started collaborative research program with TBGRI, Trivandrum.
- The department of Chemistry has initiated collaborative research programs with IGCAR .

12. Research grants received from various agencies

Research

S. No.	Agency	Amount Granted
1	Indian Space Research Organisation (ISRO)	79.98 Lakhs
2	Defence Research and Development Organisation (DRDO)	19.41 Lakhs
3	Department of Science and Technology (DST)	51.06 Lakhs
4	Indira Gandhi Centre for Atomic Research (IGCAR)	10.26 Lakhs

13. Details of research scholars:

Refer ANNEXURE – III for the details of research scholars registered in our University in the last academic year 2007 -2008

14.Citation index of faculty members and impact factor:

The citation index of faculty members from various departments and the impact factor of the Journals in which they published their Research work for the period June 2007 to May 2008 are given as follows.

Sl.No	Name of the Faculty	Department	Details of Citation and Impact factor	Journal & Times Cited
1	Dr.Soundarajan Krishnan	Chemical Engineering	Studies on Isolation, Characterization, Antimicrobial Susceptibility and Effect of Over-the-Counter Drugs on Lactobacillus Acidophilus	Journal of App Bioengineering, vol. 2007.
2	MrsP. Manjula	Chemical Engineering	Non-Edible Vegetable Oils Methyl Ester (Biodiesel) as Fuel for Automotives,	Journal of Applied Bioengineering, vol. 1, 2007.
3	S.S. Dawn	Chemical Engineering	Synthesis of Sba-15 and Cshpw for Trans-Esterification Reaction for Biodiesel Production,	Journal of Applied Bioengineering, vol. 1, 2007
4	T.V.N. Padmesh,	Chemical Engineering	Application of <i>Azolla rongpong</i> on biosorption of acid red 88, acid green 3, acid orange 7 and acid blue 15 from synthetic solutions , IMP. FACTOR: 2.034	Chemical Engineering Journal, Volume 122 Issues 1-2, 2006, pp 55-63
5	K. Vijayaraghavan,	Chemical Engineering	Biosorption of nickel(II) ions onto <i>Sargassum wightii</i> : Application of two-parameter and three-parameter isotherm models,IMP. FACTOR: 1.855	Journal of Hazardous Materials, Volume 133, Issues 1-3, 2006, pp 304-308
6	T.V.N. Padmesh	Chemical Engineering	Biosorption of Acid Blue 15 using fresh water macroalga <i>Azolla filiculoides</i> : Batch and column studies, IMP. FACTOR: 1.694	Dyes and Pigments, Volume 71, Issue 2, 2006, pp 77-82
7	T.V.N. Padmesh,	Chemical Engineering	Batch and column studies on biosorption of acid dyes on fresh water macro alga <i>Azolla filiculoides</i> ,	Journal of Hazardous Materials, Volume 125, Issues 1-3, 2005, pp 121-129

			IMP. FACTOR: 1.855	
8	T. V. N. Padmesh;	Chemical Engineering	Application of Two-and Three-Parameter Isotherm Models: Biosorption of Acid Red 88 onto <i>Azolla microphylla</i> , IMP. FACTOR: 2.769	Bioremediation Journal; July 2006; Volume 10 No. 1 pp.37 - 44
9	Dr.N. Manoharan,	Dean	Non-Edible Vegetable Oils Methyl Ester (Biodiesel) as Fuel for Automotives,	Journal of Applied Bioengineering, vol. 1, 2007.
10	Dr.K.Palanikumar	Mech & PRO	Highest Impact Factor 1.64	
11	Dr.K.Elangovan	Mech & PRO	Highest Impact Factor 1.12	
12	Mr.S. Ramesh	Mech & PRO	Highest Impact Factor 0.33	

15. Honors and Awards to Faculty:

The University gives best teacher awards for the faculties who have excelled in their teaching and honours them with a Cash award & Memento. The awardees for the period June 2007 to May2008 are given as follows.

Sl.No	Staff Name	Department	Details of Honor / Award	Remarks
1	Dr.T.Sasipraba	IT	Best Teacher Award	
2	Dr.T.Sasipraba	IT	Best outstanding faculty Awarded by Cognizant Technology Solutions	
3	Ms. S.Meenakshi	IT	Best Teacher Award	
4	Ms.Sasikala Madhu	CSE	Best Teacher Award	
5	Ms.V.L.Jothi	CSE	Best Teacher Award	
6	Ms. C.Umapathy	CSE	Best Teacher Award	
7	Prof.S.Devegowda	EEE	Best Teacher Award	
8	Mrs.E.Annie Elisabeth Jebaseeli	EEE	Best Teacher Award	

9	Mrs.D.Susitra	EEE	Best Teacher Award	
10	Mrs.B.Hemamalini	EEE	Best Teacher Award	
11	Dr. K.S. Shaji	ETCE	Best Teacher Award	
12	Prof E.Logashammugam	ECE	Best Teacher Award	
13	Dr. V.Kannan	ECE	Best Teacher Award	
14	Dr.T.Jayanthi	ECE	Best Teacher Award	
15	Mr.K.V.Karthikeyan	ECE	Best Teacher Award	
16	Dr.B.Sheela Rani	EIE	Best Teacher Award	
17	Ms.G.Sathiyabhama	EIE	Best Teacher Award	
18	Ms.M.Janaki RanI	EIE	Best Teacher Award	
19	Ms.G.Suganthi	EIE	Best Teacher Award	
20	Dr.C.Gomathy	E&C	Best Teacher Award	
21	Mr.V.Sampath Kumar	CIVIL	Best paper award at ICECDMT	
22	Mr.T.E.Kanchanabhan	CIVIL	Best paper award at ICECDMT	
23	Prof. Soundarajan Krishnan	CHEMICAL	Best Teacher Award	
24	Mr. D. Rajha Amarnath	CHEMICAL	Best Teacher Award	
25	Ms. P. Manjula	CHEMICAL	Best Teacher Award	
26	Dr. T. V. N. Padmesh	CHEMICAL	Best Teacher Award	
27	Dr.S.Ramachandran	MECH	Best Teacher Award	
28	Mr.V.Elango	MECH	Best Teacher Award	
29	Mr.Muralikrishnan	MECH	Best Teacher Award	
30	Dr K. Palanikumar	MECH & PROD	Best Teacher Award	
31	Mr S. Prakash	MECH & PROD	Best Teacher Award	
32	Mr S. Ramesh	MECH & PROD	Best Teacher Award	
33	Mr. Muthumani	MBA	Best Teacher Award	
34	Ms. Shanthilatha	MBA	Best Teacher Award	
35	Ms.Suriyakala.C.D	M.Sc	Best Teacher Award	

36	Ms.Nandhitha.N.M	M.Sc	Best Teacher Award	
37	Ms.Nandhitha.N.M	M.Sc	Best paper award at TIES 2007	
38	Mr.Vedanarayanan	M.Sc	Best Teacher Award	
39	Dr. M. Sundareswari	PHYSICS	Best Teacher Award	
40	Dr. Joseph Arul Pragasam	PHYSICS	Best Teacher Award	
41	Dr. R. Sampathkumar	PHYSICS	Best Teacher Award	
42	Ms. R. Umamaheswari	PHYSICS	Best paper award at NSCG 2007	
43	Dr.T.Mary Vargheese	CHEMISTRY	Best Teacher Award	
44	Mrs.C.Vijayalakshmi	MATHS	Best paper award at TISC-2007	
45	Mrs.Lilly Rose.A	ARCHITECTURE	Best paper award at ECHDEM – 2007	
46	Mrs.G.Gajalakshmi	CIVIL	Best project award	
47	Mr.Raakesh	ARCH	Best paper award	
48	Ms.Sukirtha	ARCH	Won Gold Medal	
49	Ms. Lilly rose	ARCH	Best paper award	
50	Mr. Ebin Horrison	ARCH	Best paper award	

16. Internal Resources Generated:

The resources generated by our staff members in various department for the period June 2007 to May 2008 are given as follows.

Sl.No	Dept.	Internal Resources Generated	Name of the Faculty	Remarks
1.	E&C	Conducted workshop on Virtual Instrumentation during September 2007	Dr.C.Gomathy	Rs. 20,000.00
2.	Mech &PROD	Conducted different courses on CNC, CAD/CAM	Dr.K.PalaniKumar	Rs. 7,50,000.00
3.	Chemical	Biogas Plant Project	Prof. Soundarajan Krishnan	Internal Project

4.	CSS	Chemical Solar Steam Cooking System Project	Prof. Soundarajan Krishnan	Internal Project
5.	EIE	Conducted two-day Intensive Workshop (National Level) on “Modern Tools for Intelligent Instrumentation” in association with Trident Techlabs Pvt.Ltd., Bangalore in the month of February 2008	Dr.B.Sheela rani	Rs. 25,000.00

17. Details of department getting SAP, COSIST (ASSIST) / DST, FIST etc. assistance/recognition

NIL

18. Community services:

- University offers FREE education in Engineering, Science and Management programmes at Sathyabama University for the poor, needy and Tsunami affected students
- University provides financial assistance to 52 schools in Tamilnadu by way of paying salary to Higher Secondary Class teachers every month.
- University takes care of the welfare of under mentioned weaker sections of the society throughout their LIFETIME by providing financial assistance
 - ❖ War widows - 120 no's Rs.1000/- per month
 - ❖ 300 more widows Rs.500/- per month
 - ❖ Tsunami affected widows - 250 no's Rs.1000/- per month
 - ❖ 500 additional Tsunami victims Rs.300/- per month
 - ❖ Tamil scholar - 100 no's Rs.1000/- per month
 - ❖ Cine/TV Artist - 250 no's Rs.500/- per month
 - ❖ Tamil writer - 50 no's Rs. 500/-per month
- University has donated legal books and materials towards setting-up of a separate section named after him at Madras and Madurai High Court library.

- University donated Computers and Books to schools, journalist colony library and police department along with training by trained personnel.
- Two villages are adopted in the Coastal area of Kanyakumari district which was severely affected by Tsunami.
- Plumber, Electrician, T.V. Mechanic, Medical Laboratories assistant courses of one year for rural people.
- Presentation of computers to schools, police department and media.
- Student's welfare is given focused attention.
- Subsidized education for more than 100 students of Tsunami affected areas.
- Free education to very poor students
- Sponsorship for intercollegiate and sports meet
- Incentives for winners of cultural and sports meet.
- Every department adopts 2 schools and imparts their subject knowledge to the students.
- An MoU has been signed with Sri Ramachandra university to serve the village people in medical diagnosis using telemedicine
- Our VRC centres at 14 villages of Tamilnadu offers courses like Plumbing, Electrician, nursing etc. at free of cost.

A report on NSS activities

Our University NSS unit functions with great Zeal throughout the year under the expert guidance of the NSS Co-ordinators Mr.Rajha Amarnath.D., with just one motive, "Service". We have total of seven NSS units in our university. The NSS advisory committee meeting was held on 10th July, 2007 to evaluate the NSS activities and to check out a plan for the year 2007-2008. In the meeting, the rules regarding the enrolment, maintenance of registers etc were discussed. The enrolment of the new NSS volunteers was completed by September 2007.

The meeting of the NSS with all members was held on 6th September 2007 .Our units function effectively with various activities equally placed .The volunteers are made to work in batches. During 7 – 9, August, 2007 and during 20 – 28, September, 2007, an eye camp

was conducted as a part of regular activity, in the university campus for the students. About 1000 students got benefited through this camp.

- On Independence Day, Mass Tree Plantation was organized in and around our university.
- On NSS day (i.e.,) on 24th September 2007, competition was conducted among NSS volunteers based on theme “**Learning Disability**”. Both group discussion and essay writing competition were conducted and prizes were awarded.
- From September 2007, every Wednesday, on cyclic basis, a set of students from each unit, were sent to Cancer institute to do the needful to the inpatients.
- Again, an eye camp was conducted during 18 – 19, December, 2007, for the benefit of all the University staff.
- Blood camp was conducted along with the help of YRC on 13th August 2007. 173 units of blood were donated.
- Our management has donated Rs.1, 00,000 for 24 children, affected by cancer, for their medical expenses. We are proud to say that every week, on Wednesdays, a packet of Dates, Mineral Water Bottle, Marie Biscuit packet were distributed to the inpatients of cancer hospital
- Campus activities like campus cleaning, orientations to new volunteers and lending a helping hand at all University functions were also part of our NSS activities.

Thus the NSS activities were aimed at an overall development of the personality of the students to train them towards responsible leadership. These were the activities which were done from June - December 2007.

There are many other programmes which are conducted in the year 2008 .Breast cancer awareness was held on 24th January 2008. All the girl students attended the awareness programme. Dr.Sree Devi from Cancer institute, Adyar was the resource person. Smoking awareness programme was held on 12th February, 2008. Special camp was held in Sriperambadhur District in 7 villages from 28th February to March 8th 2008. About 350 volunteers participated.

Some of the activities during the camp were

1. Tree plantations
2. Roads connecting the villages were leveled

3. Tobacco awareness among the village people
4. Supply of equipments, to the School and school dress to the school children
5. Cleaning of the school premises
6. Eye camp from Agarwal eye hospital conducted one day camp
7. General Health camp conducted one day camp, etc...

Our management has donated Rs.1,00,000 for 24 children affected by cancer for their medical expenses. We are proud to say that every week on Wednesday a packet of Dates, Mineral Water Bottle, Marie Biscuit packet were distributed to the inpatients of cancer hospital and this is in progress even today

Campus activities like campus cleaning orientations to new volunteers and lending a helping hand at all college functions were also part of our NSS activities. Thus the NSS activities were aimed at an overall development of the personality of the student to train them towards responsible leadership.

A Report On NCC Activities (Navy)

National Cadet Corps (NCC) naval wing 5th division of Sathyabama University, was started in 1993 and is functioning successfully. The strength of our NCC division is 50 cadets (III year-3, II year-11, I year -36) with our Cadet Captain Aadithya.C.S. 20 parades are conducted every year consisting of 6 periods(4 hours). Petty officers from 4(TN) Naval Technical Unit NCC are training and infusing great enthusiasm in our cadets. All our NCC programs are closely supervised by commanding officer **Commander ABDUL WAHEED**.

NCC Activities planned for the period 2007 -2008

1. To conduct **NCC parades** on all the Tuesdays with the support of petty officers from 4(TN) Naval Technical Unit NCC.
2. To mould the cadets for their **“B” and “C” certificate exams**, which will be organized by NCC Directorate, Chennai.
3. To organize a **first aid** class for our cadets, to do more good things to the public.
4. To organize an **anti-plastic campaign** near our university with the distribution of pamphlets to the public and explain about the good and bad things of plastic.
5. To arrange a visit to **INS RAJALI**, Naval Air Base, Arakonam, to collect more idea about Naval Aircraft carriers, engine parts and Naval Air communication systems of Navy.

1.National Technical Camp:

18 of our cadets have attended a Naval Technical Attachment Camp at **INS SHIVAJI**, Naval engineering School, Lonavala, **INS VALSURA**, Jamnagar and **INS CIRCAR**, Naval Dockyard, Vishakapatnam from 28/05/07 to 11/06/07..This was an opportunity for our cadets to realize the Technical prospects in the Navy. Our cadet **NC-1 K.Sesha Sai Parameswar** got the Best Cadet in the camp.

2.Cycle Expedition:

Cycle expedition is a part of adventure training in NCC. Our NCC officer, P.I Staff and 14 cadets participated in the Cycle Expedition-2007, highlighting the **“AIDS Awareness”** from Sathyabama University to Kanyakumari during the period from 25/7/07 to 09/08/07(16 days) organized by Sathyabama University in association with 4(TN) Naval Technical Unit NCC under the Leadership of **Lt.A.Joseph Arul Pragasam**. Our Honorable Chancellor **Dr.JEPIAR M.A.,B.L.,Ph.D** flagged it off from our University campus on 25/7/07.

The cycle expedition was held from our university campus through mostly Aids affected places like Namakkal, Erode, Karur etc covering a distance of 1000 kms in 16 days .All the cadets carried a placard on their cycle with the following slogans “AIDS Awareness, Save Water ,World Peace ,Environmental Protection ,Oil Conservation, National Integration, Eye Donation and Child Labor”. Also they have performed Aids awareness skit in various places. The purpose of this cycle expedition is to develop the spirit of adventure, building physical stamina, team spirit and national integrity among the cadets. They have gained a lot of experience with courage and enthusiasm.

3. Anti Dowry Pledge:

All of our Cadets took an Anti Dowry pledge on 15/08/07 and on 25/02/08 and have pledged to fight against dowries.

4. Visit to Officers Training Academy

10 of our cadets have got a chance to visit Officers Training Academy (OTA) Chennai, on 20/09/07 and also they got the chance to observe the Officers Passing out Parade at their parade ground. This is a very good opportunity for our cadets in their NCC career.

5. NCC Day Celebration:

10 cadets and ANO have participated in the NCC day celebration in the presence of Sports & Youth Welfare Minister **Thiru. T.P.M. Mohideen Khan** at Kalaivaanar Arangam on 25/11/07.

6. Short Range Firing:

All the cadets and ANO have participated in the 2.02mm space firing held on 01/12/07 held at Air Force Station Firing range, Tambaram.

7. Boat pulling:

All the cadets have participated in the boat-pulling event on 20/12/2007 held at the Madras Port.

8. Combined Annual Training Camp:

35 of our cadets and ANO have participated in the Combined Annual Training Camp 2007 successfully ,which was conducted by 4(TN) Naval Technical Unit NCC under the camp commandant **Commander ABDUL WAHEED** between 09/12/07 and 28/12/07 at Jeppiaar Engineering College. It was a very useful Camp for our Cadets who helped them to develop their leadership qualities and punctuality. Our **Cadet Captain Aadithya.C.S** got the Best Cadet award in this camp and **NC-2, Tom. T.Mukkada** got the first place in the cross country competition. Also our university cadets secured second place in the tug of war competition.

9. NCC Parade

All Tuesdays our cadets have NCC parades and theory classes at our university campus conducted by our NCC officer and petty officers from 4(TN) Naval Technical Unit NCC.

10. “B” and “C” Certificate exam:

NCC officer and Petty officers from 4 (TN) Naval Technical Unit NCC have taken more effort to mould our cadets for their “B” and “C” Certificate exam in all the regular and special parade classes. Also 23 of our cadets have got their “B” and “C” certificates issued by 4(TN) Naval technical Unit NCC.

11. Seminar on First aid :

All the cadets have undergone FIRST AID course on 19/04/08, in our University.

INS Shivaji and INS Angre

S.No	Name of the Cadet	Event	Position
1.	Venkatachalapathy.P I year Mech A	Best cadet - Overall	First
		Firing	First
		Trekking	First
		Theory Exam	Second
		Cross County	Third
2.	Vikram Singaravel.M I Year Civil – B	Firing	Second

INS Valsura And INS Angre

S.No	Name of the Cadet	Event	Position
1.	Prasanth Pallav I year ECE –B	Snap Talk	First
		Cultural	First
		Best Co-Curricular	Second
		Firing	Third
2.	Akash Kumar Singh I year E&C –A	Physical efficiency test	Second
		Cross County	Third
3.	Jones Bharathy.F I year EEE –A	Firing	First
4.	Nitheesh Reddy I year EEE –B	Firing	Second

Activities of Youth Red Cross

The Name Youth Red Cross of the organization was “The society for the Relief of the wounded combatants”. The Netherlands Society was the first to adopt a more easily remembered name “Red Cross Society” in 1867. The Youth Red Cross Cell of Sathyabama

University works with four basic principle, namely, Foresight, Solidarity, Centralization and Mutuality.

The YRC wing of Sathyabama University Started in the year 2007 with the total strength of 2,162 and is functioning efficiently under the great guidance of our Honourable Chancellor and Directors who are motivating our activities. The University Programme Co-Ordinator, Mr. K.Sivakumar, along with four Programme Officers cheerfully organizes the activities throughout the year.

This University carries out the YRC activities, with concern and conviction with determination and dedication, with enthusiasm and interest and with vision and vigour to fulfill the aims of and bring laurels to the Red Cross Movement.

- Our YRC wing conducted Blood Donation Camp on 13.08.2007 at our University, from the University Volunteers in which 173 members have donated blood.
- Every year on 12th August, we commemorate the Anniversary of Geneva Convention Day. On 4th July, 2007, our University Programme Officers attended Meeting at YRC Head Office and shared thier aims and thoughts.
- On December 14th 2007, we conducted a First Aid Course for the interested University students. The YRC State Co-ordinator, Prof.Duraisamy sent Dr. Karunakaran for giving various types of First Aid Activities and conducted examination by St.John's Ambulance and gave away the certificates.
- An Eye Camp was conducted with the help of NSS, during 18 – 19, December, 2007 and for the University Staff also.
- Our YRC visited Sholinganallur Corporation School for cleaning Campus
- Polio camp was organized on 06.12.07

19. Teachers and Officers newly recruited:

The number of faculty members who have been recruited into this institution as per the various departments during the period of June 2007 to May 2008 are tabulated below:

S.No.	DEPARTMENT	No. of recruitments	
		Teaching Faculty	Non – Teaching Faculty
1.	IT	4	2
2.	CSE	9	4
3.	EEE	7	-
4.	ETCE	8	2
5.	ECE	3	4
6.	E&I	1	-
7.	E&C	7	
8.	AERO	3	-
9.	CIVIL	4	-
10.	CHEM	1	-
11.	MECH	5	-
12.	BIO-INFO	8	-
13.	MBA	21	-
14.	MCA	9	2
15.	M.Sc	4	1
16.	ENGLISH	5	-
17.	PHYSICS	4	-
18.	CHEMISTRY	8	-
19.	MATHS	18	-
20.	B.ARCH	2	-

20. Teaching - Non teaching staff ratio

The University always maintains Teaching – Non teaching staff ratio as 1:3.

21. Improvements in the Library services:

The updations made in the Main Library and the Department Libraries from June 2007 to May 2008 are as follows:

Main Library:

Total No. of Books : 7593

Total No. of Titles : 2699

Total No. of Magazines : 104

Total No. of Journals : 120

Total No. of e-books : 1200

Total cost of existing books : Rs. 26309367.72

Digital Library and Online Access :

Total No. of IEEE Online Journal : 142

Total No. of ASME Online Journals : 21

Total No. of ASCE Online Journals : 30

Institutional Membership :

- British Council Library - Chennai
- IIT Library – Chennai
- MALIBNET - Chennai

The Central library book / journal details are given in **ANNEXURE - IV**

22. New books/ Journals subscribed and their value:

The list of the total number of books and journals subscribed by the institution for the different departments are charted below.

S.No.	DEPARTMENT	No. of Subscription	
		Books / Journals & value (Rs.)	
1.	IT	Title	- 20
		Volumes	- 670
		Value	- 9.5 lakhs
2.	CSE	Titles	- 375
		volumes	- 2600
		Value	- Rs 5,65,750
3.	EEE	Number of copies	- 6284
		Total cost	- Rs, 17, 86,747.00
4.	ETCE	Number of books	- 872
		Total cost	- Rs, 3, 50,000
5.	ECE	Total cost	- Rs 4.3 Lakhs
6.	E&I	Titles	- 15
		volumes	- 398
		Value	- Rs 80,642
7.	E&C	Titles	- 020
		volumes	- 1932
		Value	- Rs 4,64,926
8.	CIVIL	No. of Books	- 200
9.	CHEM	No. of Books	- 879
		Total Cost	- 2,02.055/-
		International Journal	- 1

		National Journal - 3
		Total Cost - Rs.799.00
10.	MECH&PROD	Titles - 498
		Total No. of Books - 5420
		Value - Rs 9,55,550
11.	BIO-TECH	Total Cost - Rs. 6,00,000/-
12.	BIO-INFO	Total Cost - Rs.2,50,000
13.	MBA	Titles - 63
		Total No. of Books - 4322
		Value - Rs 9,43,195.00
14.	MCA	Total Cost - Rs.2,00,000
15.	VISCOM	Total Cost - Rs.14,000
16.	B.ARCH	No. of Books - 28
		No. of Journals - 15
		No. of Thesis - 60

23. Courses in which student assessment of teachers is introduced and the action taken on student feed back:

Student assessment of teachers is introduced in all courses and suitable actions such as teachers training and updating of knowledge is taken on regular basis.

24. Unit Cost of Education

The average amount of money spent by the University on every student is, i.e., Unit cost of Education is Rs. 57,500.

25. Computerization of administration and the process of admission, examination results and issue of certificates

1. Many of the administrative activities are computerized (salary etc)
2. Introduction of single identity cards for students and faculty to be used in college and library.
3. For admission and other activities, manual tabulation was dispensed with and in its place computerized tabulation for all the courses is introduced.
4. Results and marks of the candidates are placed on the university website, for ready perusal by the students.
5. Degree certificate printing, holograms and laminations are all done in the university examination cell itself.
6. It is plan to introduced 2D bar code reader software for reading the bar code put up in the degree. The corresponding will be put up in the university website so as to facilitate the companies and foreign embassies to check the genuineness of the document provided by students.

26. Increase in infrastructural facilities:

The Departments are updated by introducing new labs and providing more room for betterments. The advancements by the various departments are listed below.

S.No.	DEPARTMENT	Infrastructural Improvements
1.	IT	<ul style="list-style-type: none">▪ New Computer Lab has been setup especially for First Year Students.
2.	ECE	<ul style="list-style-type: none">▪ Microwave Lab – 4 lakhs▪ Devices Lab – 6 Lakhs▪ DSP Lab with 40 systems – 20 Lakhs▪ New DSP Lab with 40 latest configuration systems with xeon server measuring 2000 sq. ft.,

3.	AERO	<ul style="list-style-type: none"> ▪ Aircraft Structure Lab II is set up with all the facilities. ▪ Propulsion Lab is set up with all facilities. ▪ CADD lab is being set up (awaiting for Second floor completion)
4.	CIVIL	<ul style="list-style-type: none"> ▪ Establishing the Structural Engineering Laboratory
5.	MECH	<ul style="list-style-type: none"> ▪ The department establishes CFD lab with 40 systems .It is provided with CFD software in all 40 systems and internet connection.
6.	MECH&PROD	<ul style="list-style-type: none"> ▪ New labs are constructed for CAD, Metrology, and Metallurgy practical. ▪ Provided a separate new department staff room with internet facilities and like corporate office look.
7.	BIO-TECH	<ul style="list-style-type: none"> ▪ Separate laboratories for Biochemistry, Downstream processing, Immunology, Microbiology, Molecular biology ▪ Establishment of green house.
8.	BIO-MED	<ul style="list-style-type: none"> ▪ Newly introduced two laboratories for electronic devices and biomedical instrumentation.
9.	GENERAL	<ul style="list-style-type: none"> ▪ A new block for class rooms have been constructed ▪ Two new auditorium has been constructed with better sophistications

27. Technology Upgradation:

The University constantly upgrades the technology in various fields of Engineering. The following software updation has been carried out in various departments during the period (June 2007 – June 2008).

PSIM

PLC and SCADA

C.F.D. (Computational Fluid Dynamics) software.

SPSS & TALLY

Lab View Software

Distributed control systems

Fluent – analysis software(Proposed)

In Mechanical & Production department new lathes (11 in Number) are installed in Central workshop and the obsolete lathes are removed from the lab. System configuration and Internet facility is upgraded in CAD laboratory.

In Chemical Department, new courses like Computer aided Design ,Drawing,Process modeling and Simulation, and Computer aided Design,Drawing and Disaster Management have been introduced in the postgraduate level to upgrade the students technical education.

In the Department of Bio-info, Molecular Modeling paper and the laboratory pertaining to it has been upgraded with new software and usage licenses.

28. Computer and Internet access and training to teachers and students

The internet connectivity is changed from VSNL to Reliance. Previously VSNL provided 1.2Mbps connectivity as it is very less for our University, we shifted to Reliance. Reliance is providing 8Mbps, 1:1 dedicated line. All departments have computers and Internet access facilities. The faculty members are using computers and access Internet in their own departments. Staff and students can access online journals in their respective departments and central library. Students can also make use of computer labs after university working hours. Both ladies and gents hostel are provided with separate computer lab with Internet access facility and monitoring staff .

Training to staff and students:

The University sponsors a minimum of two staff from each department in each semester for attending seminars / workshops programmed by other universities or colleges. Training on Service Oriented Architecture , J2EE, CRM on demand, Intel twice digital etc, are given by Leading IT companies like CTS, Infosys, Oracle, Intel etc., The details of the faculties those who attended the training are given below.

Dept	Faculty Name	DATE	Title of the Workshop & Name Company/Institution
CSE	Mrs. M Lakshmi Mrs.Sasikala Mrs.Sabitha Mrs.Leni Mr.Mathivanan	9 th ,10 th ,11 th of July 2007	OPNET Workshop at Sathyabama University
CSE	Mr.Aroul Mr.Praveen Mr.Kamalesh Mr.Prem	2/8/2007	Channel Servers by Intel Corporation
CSE	Mr.Aroul Mr.Praveen Mr.Kamalesh	7/ 8/2007	CRM on demand by Oracle Corporation
CSE	Mr.Aroul	21/9/2007	J2EE Overview By CTS Academy, Siruseri
CSE	Mr.Albert	23/11/2007	Infosys Campus Connect by Infosys
CSE	Mr.Albert Mr.J.Andrews Ms.SathyaBama Mrs.Sarika	7/12/2007	BootCamp-SOA overview by CTS Academy, Siruseri.

IT	Ms.S.Meenakshi Mr.Jeberson Retnaraj Mr.S.Saravanan Mr.S.Igni Sabasti Prabhu	29/01/2008- 02/02/2008	HIGH IMPACT PRESENTATION – Organized by Wipro Technologies
IT	Ms.S.Seetha Mr.V.Subramaniaswamy	19 th ,20 th ,21 st of Jan 2008	Nuclear Energy for National Development and Environment Sustainability – Loyola College
IT	Dr.T.Sasipraba	18/03/2008	Software Testing – CTS,Chennai
IT	Ms.R.Subhasini	14 th ,15 th of Mar 2008	Data Analysis and Data Mining- NIT Trichy
IT	Mr.Veeramuthu Ms.Vimali	27/03/2008	GIS and Remote Sensing – Centre of Remote-Sathyabama University
EIE	R.Karthikeyan R.Sudha Rajayogan C.Kothai M.G.Delphin Bella D.Marshiana	Feb 16 th & 17 th , 2008	Modern Tools for Intelligent Instrumentation
EIE	G.Sathyabama K.Kumar G.Subhasini	June 2 nd & 3 rd , 2008	Sensor Web Enablement

The training attended by E& C Department students:

S.No	DATE	TRAINING PROGRAM	NUMBER OF STUDENTS	BATCH
1.	23/07/07 to 28/07/07	C-CAT Training Program	59	2005-2009
2.	22/02/08	TCS Training Program	67	2005-2009
3.	25/02/08	SATHYAM Training Program	45	2005-2009
4.	26/09/07 to 28/09/07	Performance Achievement Complimenting Training Program	5	2006-2010

In ETCE Department Real time project oriented training and guidance in VLSI and embedded system is given by Saisashai and Dr.S.Suresh gave training on network simulators to all faculty.

In MECH department C.F.D software training was provided to Dr.S.Ramachandran , Mr. A.Karthikeyan, Mr. S.P.Venkatesan, Mr. Anderson and Mr. G. Senthilkumar. The purpose of the software is to design the pipe with fluid flows.

29. Financial Aid to Students:

1. The university gives financial and free education to the economically weaker students and tsunami affected students and students recommended by the social welfare organization. This academic year, 650 students were benefited by this and are provided free education.
2. University awards cash prizes and certificates to class toppers from each department and allows them to take additional books from central library.

30. Activities and support from the alumni association

1. Alumni's meeting is organized once in a year.
2. Feedback and suggestion regarding the University, Curriculum, books, regulations, placements , bus and mess are collected from the alumni.
3. Feedback about the industrial needs and trends are also collected which will be very helpful for updating the syllabus.

4. Alumni are also called for giving guidance to placement and higher studies to the students.
5. A website for alumni is hosted to share the placement and career information.
6. Alumni students are also helping the department by giving Guest lectures, personality development programmes, conducting mock interviews, arranging industrial visits, arranging resource persons etc.,

Some of the activities carried out in various department using alumni are as follows:

IT department

- **Shaik Mahadoom**

an alumni student of our university currently working for Mind Tree presented a campus awareness program to the second year students of information technology. A booklet and CD was given to the students out his self-interest.

- **Eshwar Prassena, Ankur Tibrewal, Gautam Kumar and Avanish Kumar -**

Alumni students of our university currently working for the Fortune 500 companies presented campus interview preparation programs for the third year students of information technology. Samples of curriculum vitae, Group discussion techniques, how to attend the technical interview, core papers to be studied, references, HR interview requirements, dress code and presentation skills were discussed.

CSE department

(i). **Dr. Mukamalla Srinivas** (1999 Batch passed out) Working in New Mexico Tech, USA has been invited for International Conference on Trendz in Information Sciences and Computing(TISC 2007)to conduct the seminar in recent trend in information technology.

(ii).**Mr.Kushkothari** (2007 passed out, working in CTS) joined together with Mr.Siddarth (CTS) has conducted seminar on Introduction to free open source software-Linux for Third Year Students.

BIOINFO department

Mr. Sri Krishna and **Ms.Sasirekha** working in Infosys conducted a placement opportunity speech to III year students.

31. Activities and support from the Parents Teachers Association:

Parent's teachers association is conducted by all the departments once in a semester. The aspects related to academic, co curricular, transports, mess and hostel were discussed. From all departments the feedback on PTA is collected and necessary actions are carried out. Parents of the students with poor academics are called in person and the students are counseled in their presence. The parents were also informed of their ward's marks, attendance and cash award in case of toppers. Parents are also providing support for arranging industrial visits, inplant training and guest lectures. Parents of Surya Rajkumar and Naresh Krishna from III year IT referred for industrial visit at Madurai and was funded by our university.

32. Health Services:

1. In our university, there are separate health centers for boys, girls and staffs. Moreover, clinical facilities are possible for 24 hrs especially to the hostellers.
2. The university clinic is equipped with fridge, analyzer, centrifugal pump, hot air incubator, etc.
3. Medical record of each and every student is maintained in the university properly.
4. Rest room is available separately for boys and girls for the students those who are not feeling well. University students can check their periodic health for free of cost.
5. As a full fledged Biomedical laboratory is functioning in our department, any emergency of diagnosing procedures for the vitals (ECG, Pulse, Respiration Rate, Heart Rate) could be met and given necessary suggestion by the in-house Doctor.
6. National Service Scheme (NSS) organize Blood Donation Programme once in every semester.
7. The NSS cell has a proposal to conduct monthly medical camp for the benefit of the students and as well as near by village people.
8. Apart from this, a Blood group database is maintained by NSS wing. Whenever there is an emergency, requiring a particular blood group is intimated. The students and staff who are willing to donate their blood are motivated.

33. Performance in sport activities

The students of our University have excelled themselves to participate in different sports and games at inter colligate level organized by different governmental and non-governmental organizations throughout India during June 2007- May 2008. Their achievements and records during the academic year 2007-2008 are listed in **ANNEXURE -V**.

34. Incentives to outstanding sport persons

Students participated in sport and games are trained well in special way through special classes, special lab classes and class tests to help them to cope up with the classes they missed. The sports persons are encouraged for higher studies with exemption from all fees paid to university. On achievers day celebration, the winners in sports and games are encouraged with memento, cash awards and certificates.

Incentives to outstanding sportspersons:

- Concession in fees payment
- Cash awards to achievers
- Sponsorship to sports events, allowing free transport and facilities.
- Additional library books
- Special coaching classes, etc.

35. Students achievements and awards

The University awards the top 5 students who excelled in academics with merit certificate and cash prize of Rs.1000 each semester to motivate them. The University also organizes achiever's day for the students who have been placed. The department also continuously encourages the students to participate in various seminars, symposiums and conferences to get updated with the recent technologies available. Moreover, the students are encouraged to participate in different intercollegiate level competitions and improve their stuffs in both curricular and extracurricular activities.

The details of student's achievements/awards in different competitions and their participations in conferences, seminars, symposia and workshops are given in **ANNEXURE – VI**.

36. Activities of the guidance and counseling unit

i) Counseling for higher studies

ADVISORY BUREAU FOR HIGHER STUDIES

Advisory Bureau for Higher Studies was started to guide those students who are aspiring for Higher Education and enable students to prepare for examination like the **GATE, GRE, GMATE, TOEFL** and civil services examination like **IAS, IPS** and **IFS**.

Regular Seminars are conducted to keep in touch with the recent trends in the Higher education scenario by resource persons from United States Education Foundation in India (USEFI) – a part of U.S. Embassy, U.K. Consulate, Professors from Foreign Universities.

List of seminars conducted during this academic year from June 2007 to June 2008

- A team of members from **IDP EDUCATION, AUSTRALIA** conducted a seminar on June 28, 2007. As this is only for III year students who are interested to study abroad.
- An orientation programme on Study Abroad at Singapore was conducted on July 10, 2007 for all III year students by **Singapore Worldwide Student Placement (Educational Consultant)**.
- **Career Launcher** conducted a “**Academic Workshop**” on July 13, 2007. This is for all third year students those who are aspiring for higher education and taking various tests like CAT, GRE, XAT ETC.
- **The Princeton Review, Chennai** conducted a seminar on July 25, 2007 for all third year students who wanted to prepare themselves for GRE, GMAT Entrance tests.

- A seminar was conducted on **The University of Western Australia** by **Prof. Hema Sharda, Director, South Asia Relations, UWA** on August 10, 2007 for third year students and highlighted on Engineering careers in Australia.
- **GRE/CAT training classes** conducted by **Career Launcher, Chennai** was started from August 21st onwards.
- A seminar was conducted by **The Chopra Consultants Pvt Ltd, Chennai** on September 6, 2007 for pre final year students, to provide them guidelines for choosing the right course and also the opportunities in U.K. and other countries.
- **Edwise, Chennai** conducted a orientation session on September 19, 2007 for the students who wanted to purpose higher studies and also in choosing the right University for their study.
- A seminar was conducted by **University of Lincoln** from **UK** on September 24, 2007 for all pre final year students.
- A seminar was conducted by **The Chopra Consultants Pvt Ltd, Chennai** on October 16, 2007 for all Bio-Medical students for their Higher Studies.
- **GRE/CAT** Orientation class was conducted by **Career Launcher** on October 25, 2007 for all II and III year students.
- **Career Launcher** conducted an “**Academic Workshop on CAT/GRE**” on January 24, 2008 and February 14, 2008. This is for all third year students those who are aspiring for higher education and taking various tests like CAT, GRE, and TOEFL ETC.
- **Career Launcher** conducted a program on “**The Great Leadership Hunt – Tycoon**” on January 25, 2008.

- A seminar was conducted by “**The Chopra Consultants Pvt. Ltd, Chennai**” on January 28, 2008 for pre final year students, to provide them guidelines for choosing the right course and also the opportunities in U.K. and other countries.
- **Salford University, UK** conducted a seminar on February 7, 2008 for the civil and architecture students who wanted to pursue higher studies in UK.
- A seminar was conducted by “**The Chopra Consultants Pvt. Ltd, Chennai**” on February 14, 2008 for pre final year Bio-Medical students, to provide them guidelines for choosing the right course and also the opportunities in U.K. and other countries.
- A seminar was conducted by **University of Lincoln, UK** on February 15, 2008 for all pre final year and final year architecture students.
- A seminar was conducted by **Ms. Vijayalakshmi, Counselor, USEFI, and Chennai** for the third year students in the topic “**Engineering Education in US**” on February 29, 2008.
- A seminar on higher education in Australia and New Zealand was conducted by **Basu Consultants, Chennai** for the third year students on March 5, 2008.
- A seminar on higher education in US universities was conducted by **Visu Consultants, Chennai** for the third year students on March 19, 2008.
- A seminar on higher education in Australia and New Zealand was conducted by **Basu Consultants, Chennai** for the third year students on March 5, 2008.
- A seminar on higher education in **Engineering Management** at Coventry University, Singapore was conducted by **Mr. Nara Murali, Senior Student Counselor, Coventry University, Singapore** for the final and pre final year students on June 26, 2008.

JAPANESE language classes – “First Level” are conducted for First year CSE and IT students. A total of 70 students attended in two batches. This helps them in their admissions at various foreign universities.

Quantitative Aptitude & Analytical Reasoning Training classes are conducted regularly for U.G and P.G. students at our University Campus. This course is intended to train students for performing well in Campus Interviews. This course is being handled by our own Maths faculty.

Personality Development Workshops are also conducted throughout the year for final year, and pre-final year students with eminent resource persons to train our students in various areas like Group Discussions, attending Interviews, Communication Skills, Interpersonal Skills, etc. The above training helped around 75% of students in getting suitable placements in various top notch companies.

Activities and Guidance of the counseling unit

One counselor is appointed for every 20 students. Counsel the weak students for better improvement and interaction with students periodically to improve the academic performance. Student counselor motivates the weak students. Special classes and tests are conducted. Guidance for higher studies, projects, improvement of communication skills are given to the students. The counselor meets the parents with their ward and counseling is given to them to improve their performance.

“**Career Development Program**” is conducted by inviting leading personalities from various Industries. Mock-interviews, Group Discussions, Aptitude test are being conducted. This helps them to face the interview and to initiate their personal career successfully in the existing competitive environment.

ACTIVITIES OF COUNSELORS

- Every counselor is allotted with 20 students. Their marks, attendance and performance are constantly monitored. In case of arrears the reason for poor performance is documented and is intimated to their parents periodically. They are also counseled and special coaching classes are arranged.
- The counseling cell also gives guidance for higher studies.

- Project based guidelines are given to the students by the department staff members.
- The counselors collect feedback from the teaching staffs about the students.
- Result analysis of the student's performance in internal assessments and semester exams are maintained.

37. Placement & Training

Our **Placement and Training Cell** offering **Career Development Program** for the students who are raring to enter the corporate world and introduce them to the prospective employers according to their aspirations and background. The Training programs have been formulated after a through analysis of unique requirement of various companies as the required skills will vary according to the company's requirement. We impart this training program with the help of reputed training institutes like **BSK Consultants, C-Cat, Eye Opener, Productivity Reach, Smart Training Resources, and Scholars League**. They enable our students to gain a competitive edge in the recruitment process, groom their confidence and develop their personality. The training modules will be formulated to improve our students' skills like:

Presentation Skills	Listening Skills
Interpersonal Skills	Personal Grooming
Speed Mathematics	Logical Reasoning
Verbal Reasoning	Situational Conversation
Team Building	Creativity
Group Discussion	Time Management.
Planning & Goal Setting	Sentence Construction

The details of students placed in top 25 companies through campus interviews in the year (2007-2008) are in Annexure VII. Apart from this list, the students got selected in many other reputed organizations / companies.

38. Development programs conducted for Non – Teaching Staffs:

- Work shops has been conducted for technical staffs
- Promoting the non –teaching staffs to do their technical degree courses in various universities
- The technical Staffs are asked to attend Communication classes.
- Arrangements are made to give special training in their field of specialization.

Department	Course	No. of Non- teaching staff undergoing higher studies /University	
		Sathyabama University	Anna University
CSE	B.E	2	1
	MCA	1	-
E & C	B.E	1	-
	MCA	2	-
CIVIL	MCA	1	-
	B.E	4	-
MECHANICAL	B.E	3	-
CHEMISTRY	B.Ed	-	-
ECE	B.E	5	-
PHYSICS	MBA	1	-
BIO - MEDICAL	MCA	1	-

39. Healthy practices of the Institution:

- Newly recruited staff member are trained by TTTI and other orientation programs.
- Periodic interaction among staff both teaching and non-teaching, encouraging the staff members to attend seminars, paper presentation, training programs etc
- Training on special software is provided to faculty members.
- Students are encouraged to do industry oriented projects.
- Students are motivated to participate in National level academic competitions regularly. The NSS and NCC activities help to encourage civic responsibility and social service like blood donation, anti-dowry system and adoption of villages etc.,
- Merit Awards are given to the first ten students of every department.
- In-house Magazines are published by each department about their activities.
- The University provides financial aid to the faculties who wishes to attend seminar/workshop.
- The University gives full concession over the tuition fee for the staff members doing their higher studies under QIP.

40. Linkages developed with national/ international, academic/ research:

In order to promote Industry Institute interaction, our University have made MOUs with various Industries and Institutes. The MOUs are classified under the following three categories.

(i) New MOUs:

- The Aeronautical Society of India
- IIT Kanpur
- Ministry of Human Resource and Development (MHRD)
- Hindustan Aero Nautical Limited (HAL).
- National Environmental Engineering Research Institute (NEERI).
- Indian Institute of Chemical Technology (IICT), Hyderabad
- Chennai Petrochemical Corporation Limited (CPCL)
- Southern Petroleum Industrial Corporation (SPIC)

- Research Co-ordination with TBGRI, Trivandrum
- University of Madras.
- IATEFL. UK.
- American Embassy
- Indian Institute of Architects (IIA).
- Council of Architecture (COA)
- National Association of Students of Architecture (NASA).
- NUS , Singapore.
- AIST, Japan.
- All India Association of Education and Research.
- FL SMIDTH – Chennai.

(ii) Existing MOUs:

- Indian Space Research Organisation (ISRO), Bangalore
- Indira Gandhi Centre for Atomic Research(IGCAR), Kalpakkam
- Defence Research And Development Organization (DRDO) -Combat Vehicles Research Development Establishment (CVRDE), Chennai
- National Institute of Ocean Technology (NIOT), Chennai
- Central Leather Research Institute (CLRI), Chennai
- Centre for Wind Energy Technology (C-WET), Chennai
- Technical Teachers Training Institute(TTTI), Taramani.
- Indian Institute of Technology(IIT), Chennai.
- Anna University, Chennai.
- University of Madras, Chennai.
- Annamalai University, Chidambaram.
- Neyveli Lignite Corporation(NLC), Neyveli
- Bharath Heavy Electricals Limited (BHEL), Trichy
- Infosys Technologies Limited, Bangalore
- Wipro Technologies Limited, Bangalore
- Sun Micro Systems India Pvt. Ltd, Bangalore
- The Industrial Estate Manufacturer's Association, Guindy, Chennai

- Tamilnadu Association of Cottage and Tiny Entrepreneurs, Ambattur, Chennai
- British Council, Chennai
- Gopali and Company, Chennai
- New Mexico Tech University, USA
- Kursk State Technical University, Russia
- Tomsk Polytechnic University, Tomsk, Russia
- Moscow Power Engineering Institute, Technical University, Moscow, Russia
- Moscow Aviation Institute (State Technical University), Russia
- SERC
- HUDCO
- HRS
- CSIR
- Indian Society for Technical Education(ISTE)
- Institute of Electrical and Telecommunication Engineering (IETE)
- Institute of Electrical and Electronics Engineering (IEEE)
- Vikasha Electronics, Chennai.
- Association of Small Entrepreneurs, Chennai
- Institutional Membership of All India Management Association (AIMA)
- Institutional Membership of Madras Management Association (MMA)
- Institutional Membership of Confederation of Indian Industry(CII)

(iii) Proposed MOUs:

- IBM Computers.
- Sathyam Computers

41. Any Other Points:

JAPANESE language classes – “Basic Conversation Level” are conducted for First year CSE and IT students. About 140 students attended this language class and successfully

completed the course. This will help them in their admissions to various foreign universities and also for placement.

Quantitative Aptitude & Analytical Reasoning Training classes are conducted regularly for under graduate and post graduate at our University Campus. This course is intended to train students for performing well in Campus Interviews. This course is being conducted by the faculty of Mathematics Department.

Personality Development Workshops are being conducted throughout the year for the final year and pre-final year students with eminent resource persons to train our students in various areas like Group Discussions, Attending Interviews, Communication Skills, Interpersonal Skills, etc. The above training helped around 75% of students in getting suitable placements in various top notch companies.

ACADAMICS:

- Department staff members are involved in certificate course programme Organized by University.
- Department staff members are involved in Infosys Training programme
- Conducted MATHMIND – 2008 for all B.E / B.tech Students on April 9th and 10th 2008.
- Organized III ELTAI international Conference with ELTAI, RELO, British Council on Learning to Teach: A Life Long Journey, between 8th – 10th 2008.

“TECHNOVATION 2008”: A Mega Project Exhibition:

Our University has organized a mega project exhibition “**TECHNOVATION 2008**” from 17th April to 19th April for our final year students. Top six projects from all the departments were displayed in the Exhibition. Experts from various industries were invited to evaluate the projects. Based on the experts evaluation cash prize of Rs.5000/- and a Certificate for the first place for every department were awarded. A overall group prize of Rs.10,000/- were also awarded among the department groups. The groups are Electronics

Group, Mechanical Group, Civil group, Bio group and computer science group. A total of Rs.1,50,000/- cash prizes were won by the students.

All the junior students of the University have visited the exhibition and learnt the technical aspects of the projects from their seniors. The Project exhibition was also visited by 3000 School students from the schools in and around Chennai.

TAMIL MANDRAM ACTIVITIES:

Sathyabama University, Tamil Mandaram every year conducts a Tamil Debate for our University Students on the eve of Dr.M.G.R's Birthday, to identify and to appreciate the student's talent in the regional language. The best speaker in each group is certificated and a cash prize of Rs.1000/-.

FEMFEST ' 08

SATHAYBAMA UNIVERSITY had its greatest privilege and pleasure to celebrate this golden festival, FEMFEST'08 from 7TH - 9TH OF MARCH 2008. It was University carnival conducted "FOR THE GIRLS, BY THE GIRLS". It was celebrated on the grand occasion of THE WOMEN'S DAY. Around 25 colleges in and around the city had participated and have won wonderful prizes worth Rs.5 lakhs.7th was the inaugural day of the ceremony. Our guest of honor for the grand inauguration was Ms. SUPRIYA SAHU I.A.S. Followed by the inauguration there were amazing performances by the host University. On the end of the day there was a solo magnificent performance by Mr. DRUMS SIVAMANI. On 8th of March 2008, there were several competitions held for all the colleges from morning to evening. Eminent judges were present for every event from various fields to precede over. There was some of the mind blowing special performances which kindled the crowd's heart. On 9th of March 2008 excellent folk dances, judged by our chief guest MS.ANITHA KUPPUSAMY.A fabulous light music competition was also held,which was judged by our chief guest MS.GRACE KARUNAS. SECRET OF CHAMBERS- a surprise event was conducted for the whole lot of crowd. FILM ACTOR MS.SIMRAN showed her presence during the GRAND FINALE & THE PRIZE DISTRIBUTION CEREMONY. Our host university performances added beauty

to the grand finale. There were so many dress stalls, stationery stalls, photo shops, and variety of eatable stalls provided for the crowd. SCOOTY PEP+ was the Best Bumper for the Highly knowledgeable personality. The management had arranged for A BANGLORE TRIP for the colleges with the maximum points. This was won by Jeppiaar College of Engineering & SMK Fomra Institute of Technology. The other colleges, participants and winners have won the rest of the prizes worth Rs.5 lakhs. Thus the festival ended up giving an immense pleasure for the girls and great satisfaction for the management.

Part C

The plans of the University for the academic year 2007-2008:

Academic activities

- To provide high quality education by introducing innovative courses which have good job potential and scope for advanced research
- To create advanced facilities for teaching and training in each and every department, Internet usage would be encouraged to make the students to get access to on-line education and self learning and to develop creativity. Central facilities and training programmes for developing soft skills would be established.
- More number of bridge courses and vocational courses would also be offered to supplement the regular courses so as to enable the students to secure jobs soon after the completion of their courses.
- It is planned to have increased intake for the core branches.

Research Activities

- To develop collaborative academic and research programmes with National and International institutions and industries
- The University has already developed good interaction with a number of institutions manifested in the conclusion of MoUs with several reputed institutes. In the pipeline are the MoUs with some more institutes for carrying out collaborative research and training programmes. Efforts would be made to procure research funding through industrial collaborations and other major research organizations like Dept. of Bio Technology, Dept. of Science and technology and so on.
- It has been planned to set up a Automated Test Engineering Laboratory (ATE Lab) in collaboration with QMax Test Equipments Pvt. Limited. This lab will be used for imparting training to Students, Professionals working in industries and research organizations. This lab also would be used to provide inplant training and for doing projects for students of our university.

- It has been proposed to set up a solar based Computer laboratory for our hostel and then it is planned to extend the same to the main computer labs also.
- A research proposal on Technology Business Incubator is submitted to Dept . of Science and Technology and it is under pipeline.

Administration

- It has been planned to decentralize Arts, Science and Engineering branches for effective administration.
- It is also proposed to develop and implement a computer based Bio metric entry system for Staff and hostel students. And in due course , it is planned to introduce the same to all students.
- The e-Governance would be further strengthened in all sections of University administration and academic establishments for quick and efficient information exchange.

Infrastructural facilities

- To enhance the infrastructural facilities by creating Technology park
- Top priority would be accorded to the development of state-of-art laboratory facilities.
- Dept of Chemical Engg. is currently working on solar steam cooking system project sponsored by MNES &TEDA, Govt. of India. On the terrace of the mess hall, 110 solar concentrators are to be installed by the end of September 2008 for generating steam to serve 15000 people of our University. The cost of the project is Rs.1.13 crores.

Co- curricular activities

- A number of international conferences on current topics of interest and areas of research by groups of departments are conducted in the last academic year in collaboration with research organizations. This year also, it is planned to conduct the same to promote the interest of research scholars and faculties.

- The University publishes many Biannual international journals in the field of Electronics, Mechanical and production, Bio Engg and so on. Four Bi-Annual International Journals were released in respective International Conferenes viz., Journal on Intelligent Electronic Systems (JIES), Journal on Applied Bio-Engineering (JAB), Journal on Design & Manufacturing Technologies (JDMT) & Journal on Information Sciences & Computing (JISC). This academic year also, steps are taken for bringing out the different journals in the stipulated time.
- It has been planned to organize Faculty development programmes in collaboration with leading research organizations and industries.
- To promote the interest of our students, it is also proposed to conduct Dept. Symposium, in the national level.

Extracurricular activities

- A women's festival "FEMFEST" was conducted by the University wherein the participants and organizers were only girls. It is for the girls students of other colleges and universities, organized by our university girls. Various cultural programmes and competitions were conducted and many participants from different colleges and universities participated. This festival was conducted in a grand fashion and this year also it is planned to conduct the same.
- It is proposed to conduct "UNIFEST" in either Regional level or All India level, which is organized by the Association of Indian Universities.

Sports

- We have very good sports facilities in our University. In addition to that, we plan to have a fully fledged Volley ball court and basket ball court.
- We also propose to bring out a athletic track as per international standards.

And finally we wish to transform Sathyabama University into an institute of Excellence. In view of the major strengths of Sathyabama University in imparting quality education, good training, extension activities and innovative research programmes in variety of areas, the University has plans to establish Centers of Excellence in various emerging fields.

ANNEXURE – I

7. Initiative towards Faculty development programmes

Sl	Name of the Faculty	Department	Date of the Programme	Program Attended with details
1	G.D.Anbarasi Jebaselvi	E&C	6-7 July 2007	ISO Auditors Training Programme , Sathyabama university Chennai
2	T.Vijayasree	E&C	6-7 July 2007	Data acquisition and bio medical instrumentation using national instruments ,SRM university Chennai
3	S.Poornapushakala	E&C	6-7 July 2007	Data acquisition and bio medical instrumentation using national instruments ,SRM university Chennai
4	B.S.Satheesh	E&C	9-11 July 2007	Workshop on network simulation, Sathyabama university Chennai
5	Betty Pramlet Henry	E&C	9-11 July 2007	Workshop on network simulation, Sathyabama university Chennai
6	M.Subramaniam	E&C	14-15 July 2007	Workshop on selected topics in control Engg, National institute of technology, Trichy.
7	B.S.Satheesh	E&C	14-15 July 2007	Workshop on selected topics in control Engg, National institute of technology, Trichy.
8	B.Lavanya	E&C	19-21 July 2007	Workshop on Nuclear energy for national development and environmental sustainability ,Loyola College ,Chennai
9	U.Anitha	E&C	19-21 July 2007	Workshop on Nuclear energy for national development and environmental sustainability ,Loyola College ,Chennai
10	R.Gayathri	E&C	10-11 Aug 2007	Advanced in Process Control and Instrumentation , St.Joseph's College o Engg, Chennai
11	V.Manonmani	E&C	10-11 Aug 2007	Advanced in Process Control and Instrumentation , St.Joseph's College o Engg, Chennai
12	C.Gomathy	E&C	10-11 Dec 2007	Workshop on Wireless Sensor Networks Vellore University,

				Vellore
13	S.Barani	E&C	10-11 Dec 2007	Workshop on Wireless Sensor Networks Vellore University, Vellore
14	U.Megalatha	E&C	10-11 Dec 2007	Workshop on Wireless Sensor Networks Vellore University, Vellore
15	A.Krishnamurthy	Mech &Prod		Vibration and Noise Analysis Anna University Chennai
16	Dr.K.Palani Kumar	Mech &Prod		Finite Element Analysis of Welding Processes , National Institute of Technology ,Trichy
17	Dr.K.ELangovan	Mech &Prod		Finite Element Analysis of Welding Processes , National Institute of Technology ,Trichy
18	S.Prakash	Mech &Prod		International seminar on “ICT in Education” ,NTTTR Chennai
19	A.John Rajan	Mech &Prod		International seminar on “ICT in Education” ,NTTTR Chennai
20	A.Krishnamurthy	Mech &Prod		International seminar on “ICT in Education” ,NTTTR Chennai
21	Dr.K.Palani Kumar	Mech &Prod		International seminar on “ICT in Education” ,NTTTR Chennai
22	T.N.Valarmathi	Mech &Prod		“Eching Finite Element Analysis” ,RMK Engg College, Chennai
23	Dr.S.Ramachandran	Mech	27-29 Dec 2007	“Recent trends in CFD” SAE,IIT Madras”
24	A.Anderson	Mech	27-29 Dec 2007	“Recent trends in CFD” SAE,IIT Madras”
25	N.Mani	Mech	12-14 Dec 2007	“Recent trends in FEM ” SAE,IIT Madras”
26	EVV.Ramanamurthy	Mech	27-31 Aug 2007	Finite Element Analysis using ANYSIS ,IIT Madras
27	Krishnapriya	MBA	19 Nov - 01 Dec 2007	AICTE sponsored quality improvement Programme ,National Institute Teachers Training and research ,GOI ,Chennai
28	Daniel Rathnaraj	MBA	19 Nov - 01 Dec 2007	AICTE sponsored quality improvement Programme ,National Institute Teachers Training and research ,GOI ,Chennai
29	Bala Meena Priya	MBA	19 Nov - 01 Dec 2007	AICTE sponsored quality improvement Programme ,National Institute Teachers Training and research ,GOI ,Chennai
30	Nithya S Moorthy	MBA	19 Nov -	AICTE sponsored quality

			01 Dec 2007	improvement Programme ,National Institute Teachers Training and research ,GOI ,Chennai
31	M.Maya	MBA	3 -15 Dec 2007	Project Work Management ,B,S,Abdur Rehman Crescent Engg College, Chennai
32	Jayanthi	MBA	3 -15 Dec 2007	Project Work Management ,B,S,Abdur Rehman Crescent Engg College, Chennai
33	Saranya	MBA	3 -15 Dec 2007	Project Work Management ,B,S,Abdur Rehman Crescent Engg College, Chennai
34	Dr.S.Meenakshisundaram	Maths	4-8 Feb 2008	“Biologically inspired Computing” IISc,Bangalore
35	V.Maheswari	MCA		“Netwotk Simulation” Sathyabama University Chennai.
36	V.Muthukumar	MCA		“Netwotk Simulation” Sathyabama University Chennai.
37	Meera Gandhi	MCA		“Netwotk Simulation” Sathyabama University Chennai.
38	S.Murugan	MCA		“Service Oriented Architecture, Anna University,Trichy
39	Mr. D. Rajha Amarnath	Chemical	Jan. 29 th – Feb. 2 nd , 2008	“ High Impact Presentation Skill “, WIPRO Technologies, Cambridge University (UK) and Dale Carnegie Institute (UK).
40	Mr. Anoop Kumar Mr. Jai Ganesh Mrs. SathyaPriya	IT	24.07.07	“Embedded system development using ARM controller and embedded C” – Organized by ISM
41	Ms. S.Shanmugapriya Mrs. Mary Gladence Mrs. VijeyaKaveri	IT	06.08.07	“Networking technologies” from CISCO systems
42	Ms. Revathy Mrs. Bevish Jinila Ms. Vimali Mr. Sugumaran Ms. Sathyapriya Mrs. Femilda Mrs. Maria Anu Mrs. Yashodha	IT	29.08.07	“Multimedia training” – I Stream technology
43	Mrs. Maria Anu Mrs. Magitha Mrs. Nirmal Rani	IT	13.09.07	“Object Oriented concepts” – Infosys Technologies
44	Mrs. Meenakshi. S Mrs. Jeyanthi	IT	05.10.07	“Rational Rose” - IBM

	Mr. Justin Samuel Mrs. VijeyaKavari Mr. Igni Sabasti Prabhu Ms. Revathy Mr. Sugumaran			
45	Mrs. G.R.P.Lakshmi	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
45	Mrs. T.Soundari	EEE	29-6-2007	Motor Pro and PSIM
46	Mrs. Y.Jeyashree	EEE	29-6-2007	Motor Pro and PSIM
47	Mrs. E.Annie Elisabeth Jebaseeli	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
48	Mrs. D.Susitra	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
49	Mr.T.J.Pradeep Surendranath	EEE	29-6-2007	Motor Pro and PSIM
50	Mr. D.Mahibalan	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
51	Mrs. B.Hemamalini	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
52	Ms. M.R.Rashmi	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
53	Mrs. V.Meenakshi	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007 & 29-8-2007	PLC and SCADA
54	Ms. D.Ramya	EEE	29-6-2007	Motor Pro and PSIM

55	Mr. Arun	EEE	29-6-2007	Motor Pro and PSIM
56	Mrs.Sujatha	EEE	29-6-2007	Motor Pro and PSIM
57	Ms.J.Sangeetha	EEE	29-6-2007	Motor Pro and PSIM
58	Mr.V.Siva Chidabaranathan	EEE	29-6-2007	Motor Pro and PSIM
59	Ms.J.Annes	EEE	29-6-2007	Motor Pro and PSIM
60	Ms.K.Gopitha	EEE	29-6-2007	Motor Pro and PSIM
61	Ms. J.Aagila Devi	EEE	29-6-2007	Motor Pro and PSIM
62	Mrs.A.Shanthi Mary Antony	EEE	29-6-2007	Motor Pro and PSIM
63	Ms.V.Jayachitra	EEE	29-6-2007	Motor Pro and PSIM
			28-8-2007& 29-8-2007	PLC and SCADA
64	Mr. C.N.Ravi	EEE	28-8-2007& 29-8-2007	PLC and SCADA
65	Mr. K.Rajendran Arputharaj	EEE	28-8-2007& 29-8-2007	PLC and SCADA
66	Mr.S.D.Sundar Singh Jebaseelan	EEE	28-8-2007& 29-8-2007	PLC and SCADA
67	Mr.D.N.S.Ravikumar	EEE	28-8-2007& 29-8-2007	PLC and SCADA
68	Mrs. M Lakshmi Mrs.Sasikala Mrs.Sabitha Mrs.Leni Mr.Mathivanan	CSE	9 th ,10 th ,11 th of July 2007	OPNET Workshop at Sathyabama University
69	Mr.Aroul Mr.Praveen Mr.Kamalesh Mr.Prem	CSE	2/8/2007	Channel Servers by Intel Corporation
70	Mr.Aroul Mr.Praveen Mr.Kamalesh	CSE	7/ 8/2007	CRM on demand by Oracle Corporation
71	Mr.Aroul	CSE	21/9/2007	J2EE Overview By CTS Academy, Siruseri
72	Mr.Albert	CSE		Infosys Campus Connect by Infosys

73	Mr.Albert Mr.J.Andrews Ms.SathyaBama Mrs.Sarika	CSE	7/12/2007	BootCamp-SOA overview by CTS Academy, Siruseri.
74	Mrs.M.Sumathi. Mrs.G.Sundari.	ECE	29- 30 Dec 2007	Personality Communication Skill Development, conducted by WIPRO
76	Dr.T.Jayanthi Mrs.G.Sundari. Mrs.M.Sumathi.	ECE	17 -19 Dec 2007	Practical Training on ASIC & Matlab based EDA Tools , Eswari Engg College
79	T.Ravi Kishore K.V.Karthikeyan Mr.Churchill	ECE		Microwind software traning for students and staff
83	Mrs.Sangeetha Mrs.M.Sumathi. Mrs.G.Sundari.	ECE		IGCAR program at Loyola College
84	Ms.V.Maheswari	MCA	18 th March 2008	TESTING conducted by Cognizant Technologies
85	Mr. S. Murugan	MCA	25 th -29 th February 2008	“Mission 10X” conducted by Wipro Technologies
86	Mr. JayaPrakash	MCA	6 th -7 th February 2008	IBM at Sri Venkateswara College of Engineering.
87	Ms. Shamila	MCA	14 th -16 th March 2008	“Middleware Technologies“ at Anna University, Trichy.
88	Mr. Saravanan	MCA	29 th -31 th May2008	Faculty Development Program conducted by IBM at Sathyabama University
89	Mr. Mariappan	MCA	29 th -31 th May2008	Faculty Development Program conducted by IBM at Sathyabama University
90	Ms. Geetha	MCA	29 th -31 th May2008	Faculty Development Program conducted by IBM at Sathyabama University
91	Ms. Ramya	MCA	29 th -31 th May2008	Faculty Development Program conducted by IBM at Sathyabama University

92	,Ms. Ida Evones	MCA	29 th -31 th May2008	Faculty Development Program conducted by IBM at Sathyabama University
93	Ms. Shamila	MCA	29 th -31 th May2008	Faculty Development Program conducted by IBM at Sathyabama University
94	Ms.Sundari	ECE		High Impact Presentation Skills
95	G.Ms.Sumathi	ECE		High Impact Presentation Skills
96	Mr.S.Karthikeyan	ECE		High Impact Presentation Skills
97	Mr.G.Jegan	ECE		High Impact Presentation Skills
98	Mr.Vino	ECE		High Impact Presentation Skills
99	Dr. C. Gomathy	E&C	20.04.08 and 21.04.08	Workshop on network simulators for the special interest group in Department of IT, Thyagaraja college of Engg, Madurai
100	B.Sowmya	E&C	3.04.08 and 4.04.08	NATCON'08 Noorul Islam College of Engineering, Thuckalay
101	Ms. Betty Pramlet Henry	E&C	29.02.08 and 01.03.08	National workshop on "Applications of MEMS in Instrumentation and Biomedical Engg" AMIBE'08 at SRM University
102	Ms. Manonmani	E&C	29.02.08 and 01.03.08	National workshop on "Applications of MEMS in Instrumentation and Biomedical Engg" AMIBE'08 at SRM University
103	Ms. Grace Kanmani	E&C	29.02.08 and 01.03.08	National workshop on "Applications of MEMS in Instrumentation and Biomedical Engg" AMIBE'08 at SRM University
104	Dr. C. Gomathy	E&C	2.06.08 and 3.06.08	Workshop on Sensor web enablement by Sathyabama University

105	Ms. S.Barani	E&C	2.06.08 and 3.06.08	Workshop on Sensor web enablement by Sathyabama University
106	Ms. Grace Kanmani	E&C	2.06.08 and 3.06.08	Workshop on Sensor web enablement by Sathyabama University
107	All faculty	BioInfo	26.04.08	“Discovery Studio” Software Program by Dr.Girinath, Apsara Inovation,Banglore
108	All faculty	Biotech	Feb 14-16, 2008	Organised National Seminar cum workshop on Nanotechnology and Nanobiotechnology,

ANNEXURE – II

8. Number of Seminars & Workshops

SL. NO.	DEPT.	SEMINAR / WORKSHOP	DATES	NAME OF THE GUEST FACULTY/ORGANISATION
1	IT	Seminar on “K-Connected Networks”	28/08/07	Prof. SK.Srivatsa, MIT, Chennai.
2	IT	Workshop on “Multimedia & Graphics”	27/07/07	Mr. V.S.Rajagopal, Image Systems, Chennai.
3	IT	Seminar on “Open Standard Systems”	03/07/07	Dr. T.G. Sambandhan, TTTI, Taramani, Chennai.
4	IT	Guest Lecture on “Interpersonal Skills”	20/08/07	Dr. B.G. Barki, TTTI, Taramani, Chennai.
5	EEE	Guest Lecture on “Protection Philosophy in Power System”	29/06/07	Dr. S.R.Krishna Moorthy, TNEB, Chennai.
6	EEE	Guest Lecture on “Emerging Technology for enhancing energy system with PLC & SCADA and Embedded System”	09/07/07	Mr. Jadhav, Prolise Tech & Solution (P) Ltd, Mumbai.
7	EEE	Guest Lecture on “Practical Issues experienced with modern power control & sensing circuitry of a 6/4 pole switched reluctance motor drive”	21/07/07	Dr. Paramasivam, Anna University.
8	ECE/EEE/ EIE/E&C/ ETCE	International Conference on “Trends in Intelligent Electronic Systems TIES 2007	12/11/07 to 14/11/07	-----
9	ECE/EEE/ EIE/E&C/ ETCE	Symposium “ELECTRON 07”	20/08/07 to 21/08/07	-----
10	E&I	Guest Lecture on “Marine	30/06/07	Mr. Tata Sudhakar, Scientist, NIOT, Chennai.

		Instrumentation and Tsunami Warning System”		
11	E&I	Guest Lecture on “Trends in Electronics and its Applications”	16/08/07	Dr. G.T.Manohar, IIT Madras.
12	E&C	Workshop on “Virtual Instrumentation for Process Control Applications”	27/09/07 to 28/09/07	Prof Dr. P.E.Sankaranarayanan, Dean (PG Studies) Dr. Jayapandian Scientist, IGCAR, Mr. Visweswaran, Trident Tech Labs.
13	E&C	Guest Lecture on “Transducers & Sensors”	07/07/07	Mr. K. Swaminathan, IGCAR, Kalpakkam.
14	E&C	Guest Lecture on “Embedded Systems and its Applications”	12/07/07	Mr. S. Swaminathan, Managing Director, Vikasha Electronics, Chennai.
15	Chemical Eng./ Bio Tech/ Bio Info/ Bio Med/ Chemistry	International Conference on “Applied Bio-Engineering – ICAB 07”	05/12/07 to 07/12/07	-----
16	Mech	International Conference ECHDEM 2007 in Association with CVRDE	28/11/07 TO 30/11/07	-----
17	Mech	Guest Lecture on “Recent Trends in Nano Technology”	12/10/07	Mr. V.M.Ravikumar GM, Sundaram Fasteners (TVS), Chennai-12.
18	Mech	Guest Lecture on “Modern Manufacturing Methods”	12/11/07	Mr. J.Senthil Kumar, MD, Annissen Diamond Tools Pvt. Ltd., Chennai.
19	Mech	Guest Lecture on “Automobile Sector”	21/11/07	Dr. KrishnaKumar, GM, Ashok Leyland, Chennai.
20	Aero	Guest Lecture on “Applications of CAD & CAE Software in Aerospace Domain”	04/02/08	Mr. P.S. Prem Kumar, CADES, Bangalore.
21	Aero	Guest Lecture on “Role of CAD in the	06/02/08	Mr. R. Suburaj, Design Engineer,

		field of Aviation”		CADDAM Technologies, Chennai.
22	Bio Tech	National Seminar cum Workshop on “Nano Technology and Nano Bio Technology”	12/02/08 to 14/02/08	-----
23	MBA	Guest Lecture on “Disaster Management”	06/08/07	Mr. Radhakrishnan, IAS
24	MBA	Guest Lecture on “Life Skills”	07/08/07	Mr. O.J. Stanely
25	MBA	Guest Lecture on “Brand Management”	21/08/07	Mr. S. Ramachandran
26	MBA	Guest Lecture on “Striving for Excellence”	21/08/07	Mr. K.S.R. Aruthra Iyengar
27	MBA	Guest Lecture on “Advertising Management”	28/08/07	Mr. Vijay Xavier
28	MBA	Guest Lecture on Financial Statement Analysis”	28/08/07	Dr. S. Mohandas
29	MBA	Guest Lecture on “General Management”	11/09/07	Mr. Kuruvilla Jacob
30	MBA	Guest Lecture on “Crisis Management”	29/10/07	Mr. Radhakrishnan, IPS
31	MBA	Guest Lecture on “Time Management”	28/01/08	Mr. Jeya Singh Manoharan
32	MBA	Guest Lecture on “Derivatives”	11/02/08	Mr. S. Jeyakumar
33	IT	A seminar on .NET	05/02/08	Mr.J.V.S.Sathish,Saastha Infotech.
34	IT	A lecture on J2EE	07/02/08	Mr.Amudhan, IBM Infotech.
35	IT	A seminar on comparing UNIX, LINUX, WINDOWS Internals.	08/02/08	DR.T.G.Sambandan, TTTI, Taramani
36	IT	A lecture on Interview Techniques	22/02/08	Tata Consultancy Services.
37	IT	A lecture on group discussion	25/02/08	Tata Consultancy Services.

38	IT	A lecture on J2EE	26/02/06	MR.J.V.S.Sathish, Saastha Infotech
39	MECH	Advances Mechanism And Design	19/03/08	Mr. P.Selvaraj ,Project Manager, VA-TECH
40	MECH	Advanced Manufacturing Techniques	13/02/08	Mr. M .Logesh General Manager, ANNISEN DIAMOND TOOLS
41	E&C	Fail safe Control	27/02/08	Mr.Sunderesan, Manager,Operations, MFL, Chennai
42	E&C	A hands on workshop in Distributed control system	April 7-9, 2008.	
43	E&C	Demonstration on wireless sensor network .	18/04/08	
44	EIE	Awareness to energy conservation management	18.03.08	Mr.G.S.Ayyappan, Scientist, CSIO, CSIR Madras complex.
45	EIE	Application of advanced processor for Intelligent Instrumentation	26.03.08	Ms.Chenthamarai selvam,Scientist, CSIO, CSIR Madras complex.
46	B.Ed	One Day Seminar was organized on Personality development		
47	EEE	Industrial drives and power management control - L&T (Training)		Dr.S.R.Krishna Moorthy (Retd) TNEB
48	EEE	Application of Electrical devices.		Dr.S.R.Krishna Moorthy (Retd) TNEB
49	ARCH	Training programme on REVITT – JAN 2008		Organized jointly with CADD Centre, Chennai .Ms. Kavitha, Programme coordinator

50	All third year students	Academic Workshop on CAT/GRE	January 24, 2008 and February 14, 2008.	Career Launcher
51	PG students	The Great Leadership Hunt – Tycoon	January 25, 2008.	Career Launcher
52	All third year students	Guidelines for choosing the right course and also the opportunities in U.K. and other countries.	January 28, 2008	The Chopra Consultants Pvt. Ltd, Chennai
53	All Civil and Architecture students	Higher studies in UK.	February 7, 2008	Salford University, UK
54	All third year Bio-Medical students	Guidelines for choosing the right course and also the opportunities in U.K. and other countries	February 14, 2008	The Chopra Consultants Pvt. Ltd, Chennai
55	All pre final year and final year Architecture students	Higher studies in UK.	February 15, 2008	University of Lincoln, UK
56	All third year students	Engineering Education in US	February 29, 2008	Ms. Vijayalakshmi, Counselor, USEFI, Chennai
57	All third year students	Higher education in Australia and New Zealand	March 5, 2008.	Basu Consultants, Chennai
58	All third year students	Higher education in US universities	March 19, 2008	Visu Consultants, Chennai

ANNEXURE – III

13. Details of Research scholars in Sathyabama University

P.T INT - Part time Internal candidates from Sathyabama University

P.T EXT - Part time External candidates from Other Universities / Institutions

Faculty of Computer Science and Engineering

S. No	Name	F.T / P.T Int / Ext	Dept
1	S.Meenakshi	P.T.Int	IT
2	P.Jeyanthi	P.T.Int	IT
3	R.Subhashini	P.T.Int	IT
4	S.Igni Sabasti Prabu	P.T.Int	IT
5	S.Justin Sameul	P.T.Int	IT
6	Jeberson Retna Raj	P.T.Int	IT
7	P.Sandhya	P.T.Int	IT
8	Mrs. V. Maheswari	P.T.Int	MCA
9	Mrs. Meera Gandhi	P.T.Int	MCA
10	Mr. N. Srinivasan	P.T.Int	MCA
11	Mr. B. Muthukumar	P.T.Int	MCA
12	Mr. S. Murugan	P.T.Int	MCA
13	Ms. E.S. Shamila	P.T.Int	MCA
14	Ms. Geetha	P.T.Int	MCA
15	Mr. Saravanan	P.T.Int	MCA

16	Ms. Suriyakala C.D	P.T.Int	M.Sc.
17	Ms. Nanditha N.M	P.T.Int	M.Sc.
18	Ms. AS. V.K. Shanthi	P.T.Int	M.Sc.
19	Ms. Prayla Shyri	P.T.Int	M.Sc.
20	Ms. Emalda Roselind	P.T.Int	M.Sc.
21	Ms. Rekha Franklin	P.T.Int	M.Sc.
22	Ms. Ulagamuthalvi	P.T.Int	M.Sc.
23	Ms. Suchitra	P.T.Int	M.Sc.

Faculty of Electrical and Electronics

S. No	Name	F.T / P.T Int / Ext	Dept
1	Mrs. Godwin Premi	P.T.Int	ETCE
2	Mrs. S. Maflin Shaby	P.T.Int	ETCE
3	Mr. T.A. Shanmuga Sundaram	P.T.Int	ETCE
4	P.P. Edwin Winston	P.T.Int	ETCE
5	Mrs. S. Subhashini	P.T.Int	ETCE
6	Beulah Jacson	P.T.Int	ECE
7	Sridevi.V.	P.T.Int	ECE
8	Ganesan.V.	P.T.Int	ECE
9	Thangavel.P	P.T.Int	ECE
10	Ravi .T.	P.T.Int	ECE

11	N.Chitra	P.T.Int	ECE
12	Hari Krishnan	P.T.Int	ECE
13	Vijayabaskar	P.T.Int	ECE
14	Sivakumar	P.T.Int	ECE
15	Hari Prasad	P.T.Int	ECE
16	Ramaprabha	P.T.Int	ECE
17	Rajakumar	P.T.Int	ECE
18	Jegan.G	P.T.Int	ECE
19	Blesslin Sheba	P.T.Int	ECE
20	Niruban	P.T.Int	ECE
21	Lakshmi	P.T.Int	ECE
22	R.Kumar	P.T.Int	ECE
23	S.Karthikeyan	P.T.Int	ECE
24	Y.Varthamanan	P.T.Int	ECE
25	S.Deepa	P.T.Int	ECE
26	Lakshmi Kantham	P.T.Int	ECE
27	Anandan	P.T.Int	ECE
28	Syed Akheel	P.T.Int	ECE
29	P.Sangeetha	P.T.Int	ECE
30	P.D.Selvam	P.T.Int	ECE
31	Kuzhaoli	P.T.Int	ECE
32	Gothavari	P.T.Int	ECE

33	Sathyapriya	P.T.Int	ECE
34	Regal Elizabeth	P.T.Int	ECE
35	Ms.G.Sathiyabhama	P.T.Int	E&I
36	Ms.R.Ramadevi	P.T.Int	E&I
37	Ms.K.Sujatha	P.T.Int	E&I
38	Mr.R.Samuel Rajesh Babu	P.T.Int	E&I
39	Mr.R.Karthikeyan	P.T.Int	E&I
40	B.Sowmya	P.T.Int	E&C
41	G.D. Anbarasi	P.T.Int	E&C
42	S. Barani	P.T.Int	E&C
43	V. Manonmani	P.T.Int	E&C
44	Betty Pramlet Henry	P.T.Int	E&C

Faculty of Bio Groups

S. No	Name	F.T / P.T Int / Ext	Dept
1	Mr Barani Kumar	P.T.Int	BIO-INFO
2	Ms Thenmozhi	P.T.Int	BIO-INFO
3	Ms Lalitha	P.T.Int	BIO-INFO
4	Mr. M. Saravanan	P.T.Int	BIO-MED
5	Mr. S. Arokiyaraj	P.T.Int	BIO-MED

Faculty of Mechanical and Production

S. No	Name	F.T / P.T Int / Ext	Dept
1	V.Sampath Kumar	P.T.Int	CIVIL
2	T.E.Kanchanabhan	P.T.Int	CIVIL
3	G.Gajalakshmi	P.T.Int	CIVIL
4	Mr.A.Karthikeyan	P.T.Int	MECH
5	Mr.A.Anderson	P.T.Int	MECH
6	Mr.M.Prem Kumar	P.T.Int	MECH

Faculty of Chemical

S. No	Name	F.T / P.T Int / Ext	Dept
1	Mr. D. Rajha Amarnath	P.T.Int	CHEM
2	Ms. P. Manjula	P.T.Int	CHEM
3	Ms. A. Anitha	P.T.Int	CHEM
4	Ms. S.S. Dawn	P.T.Int	CHEM
5	Ms. S. Durga Jeevitha	P.T.Int	CHEM
6	Ms. A. Annam Renita	P.T.Int	CHEM
7	Ms. M.R. Anandhi	P.T.Int	CHEM
8	Mr. A. Saravanan	P.T.Int	CHEM
9	Mr. Prabhu S. Mallapur	P.T.Int	CHEM
10	Mr. Sridhar	P.T.Int	CHEM
11	Mr. G. Sreekumar	P.T.Int	CHEM
12	Mr. B. Sasikumar	P.T.Int	CHEM

13	Mr. D. Saravanan	P.T.Int	CHEM
14	Mr. Francis Jeyapathi	P.T.Int	CHEM

Faculty of Science and Humanities

S. No	Name	F.T / P.T Int / Ext	Dept
1	Ms. Nandhini Manivannan	P.T.Int	ENG
2	Ms Shilaja	P.T.Int	ENG
3	Ms. Vetri Selvi	P.T.Int	ENG
4	Ms Sitha Lakshmi	P.T.Int	ENG
5	Mr. T.S. Franklin Rajesh	P.T.Ext	Chemistry
6	Mr. R. Hariharasuthan	P.T.Ext	Chemistry
7	Mr. Venkatasubramanian	P.T.Int	Chemistry

ANNEXURE - IV

21. Improvements in the Library services:

Central Library Statistics

Total No. of Books	:	50046
Total No. of Titles	:	22446
Total No. of Magazines	:	74
Total No. of Journals	:	87
Total No. of e-books	:	1200
Total No. of e-Journals	:	1014

Digital Library and Online Access :

Total No. of IEEE Online Journal	:	142
Total No. of ASME Online Journals	:	21
Total No. of ASCE Online Journals	:	30
Total No. of ICFAI Online Journals	:	20
Total No. of Springer Link Journals (Springer Link e-Journals are Subscribed through Springer)	:	801

The Following Journals are Subscribed through INDEST CONSORTIUM

- IEEE JOURNALS
- ALL THE CONFERENCE PROCEEDINGS OF IEEE STANDARDS
- BOOKS
- ASME
- ASCE

List of IEEE Journals, IEEE Proceedings, IEEE Standards IEEE Books, ASME Journals & ASCE Journals are Enclosed

The Following ICFAI e-Journals are Subscribed through ICFAI UNIVERSITY PRESS

1. Life sciences
2. English Studies
3. Biotechnology
4. Earth Sciences
5. History and Culture
6. Higher Education
7. Applied Finance
8. Derivatives Markets
9. Financial Risk Management
10. Risk and Insurance
11. Marketing Management
12. Brand Management
13. Services Marketing
14. Business Strategy
15. Supply Chain Management
16. Knowledge Management
17. Management Research
18. Operations Management
19. Entrepreneurship Development
20. Managerial Economics

Computer Administration:

All the Library activities (Acquisition, Circulation & Serial Control) Computerized

Software used	:	AUTOLIB
Front-end	:	SQL
Back-end	:	Visual Basic
Total No. of Computer	:	22 Nos.
Member Search	:	3 Nos.
Library Administration	:	4 Nos.
Digital Library and Online Access	:	15 Nos.

Institutional Membership :

- British Council Library - Chennai
- IIT Library – Chennai
- MALIBNET - Chennai

SATHYABAMA UNVIERSITY
CENTRAL LIBRARY
IEEE ONLINE JOURNALS LIST

1. Acoustics, Speech, and Signal Processing Newsletter, IEEE
2. Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on]
3. Aerospace and Electronic Systems Magazine, IEEE
4. Aerospace and Electronic Systems, IEEE Transactions on
5. Annals of the History of Computing, IEEE
6. Antennas and Propagation Magazine, IEEE
7. Antennas and Wireless Propagation Letters
8. Audio, Speech and Language Processing, IEEE Transactions on [see also Speech and Audio Processing, IEEE Transactions on]
9. Automatic Control, IEEE Transactions on
10. Automation Science and Engineering, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
11. Biomedical Engineering, IEEE Transactions on
12. Broadcasting, IEEE Transactions on
13. Circuits and Devices Magazine, IEEE
14. Circuits and Systems for Video Technology, IEEE Transactions on
15. Circuits and Systems I: Regular Papers, IEEE Transactions on
16. Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on
17. Circuits and Systems II: Express Briefs, IEEE Transactions on [see also Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on]
18. Circuits and Systems Magazine, IEEE
19. Communications Letters, IEEE
20. Communications Magazine, IEEE
21. Communications Society: A Digest of News and Events of Interest to Communications Engineers
22. Communications Surveys & Tutorials, IEEE
23. Communications, IEEE Transactions on
24. Component Parts, IEEE Transactions on
25. Components and Packaging Technologies, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part A: Packaging Technologies, IEEE Transactions on]
26. Computational Biology and Bioinformatics, IEEE/ACM Transactions on
27. Computational Intelligence Magazine, IEEE
28. Computer
29. Computer Architecture Letters, IEEE
30. Computer Graphics and Applications, IEEE
31. Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
32. Computers, IEEE Transactions on
33. Computing in Science & Engineering [see also IEEE Computational Science and Engineering]
34. Concurrency, IEEE [see also IEEE Parallel & Distributed Technology]

35. Consumer Electronics, IEEE Transactions on
36. Control Systems Magazine, IEEE
37. Control Systems Technology, IEEE Transactions on
38. Dependable and Secure Computing, IEEE Transactions on
39. Design & Test of Computers, IEEE
40. Device and Materials Reliability, IEEE Transactions on
41. Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]
42. Display Technology, Journal of
43. Distributed Systems Online, IEEE
44. Education, IEEE Transactions on
45. Electrical and Computer Engineering, Canadian Journal of
46. Electrical Insulation Magazine, IEEE
47. Electromagnetic Compatibility, IEEE Transactions on
48. Electron Device Letters, IEEE
49. Electron Devices, IEEE Transactions on
50. Electronic Materials, IEEE/TMS Journal of
51. Electronics Packaging Manufacturing, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part C: Manufacturing, IEEE Transactions on]
52. Energy Conversion, IEEE Transactions on
53. Engineering in Medicine and Biology Magazine, IEEE
54. Engineering Management Review, IEEE
55. Engineering Management, IEEE Transactions on
56. Evolutionary Computation, IEEE Transactions on
57. Fuzzy Systems, IEEE Transactions on
58. Geoscience and Remote Sensing Letters, IEEE
59. Geoscience and Remote Sensing, IEEE Transactions on
60. Image Processing, IEEE Transactions on
61. Industrial Electronics, IEEE Transactions on
62. Industrial Informatics, IEEE Transactions on
63. Industry Applications Magazine, IEEE
64. Industry Applications, IEEE Transactions on
65. Information Forensics and Security, IEEE Transactions on
66. Information Technology in Biomedicine, IEEE Transactions on
67. Information Theory, IEEE Transactions on
68. Instrumentation & Measurement Magazine, IEEE
69. Instrumentation and Measurement, IEEE Transactions on
70. Intelligent Systems, IEEE [see also IEEE Intelligent Systems and Their Applications]
71. Intelligent Transportation Systems, IEEE Transactions on
72. Internet Computing, IEEE
73. IRE Professional Group on Audio, Newsletter of the
74. IT Professional
75. Knowledge and Data Engineering, IEEE Transactions on
76. Latin America Transactions, IEEE (Revista IEEE America Latina)
77. Lightwave Technology, Journal of

78. LTS, IEEE [see also IEEE LCS]
79. Magnetics, IEEE Transactions on
80. Manufacturing Technology, IEEE Transactions on
81. Mechatronics, IEEE/ASME Transactions on
82. Medical Imaging, IEEE Transactions on
83. Micro, IEEE
84. Microelectromechanical Systems, Journal of
85. Microwave and Wireless Components Letters, IEEE [see also IEEE Microwave and Guided Wave Letters]
86. Microwave Magazine, IEEE
87. Microwave Theory and Techniques, IEEE Transactions on
88. Mobile Computing, IEEE Transactions on
89. Multimedia, IEEE
90. Multimedia, IEEE Transactions on
91. Nanobioscience, IEEE Transactions on
92. Nanotechnology, IEEE Transactions on
93. Network, IEEE
94. Networking, IEEE/ACM Transactions on
95. Neural Networks, IEEE Transactions on
96. Neural Systems and Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Rehabilitation Engineering]
97. Nuclear Science, IEEE Transactions on
98. Parallel and Distributed Systems, IEEE Transactions on
99. Pattern Analysis and Machine Intelligence, IEEE Transactions on
100. Pervasive Computing, IEEE
101. Photonics Technology Letters, IEEE
102. Plasma Science, IEEE Transactions on
103. Potentials, IEEE
104. Power and Energy Magazine, IEEE
105. Power Apparatus and Systems, IEEE Transactions on
106. Power Delivery, IEEE Transactions on
107. Power Electronics Letters, IEEE
108. Power Electronics, IEEE Transactions on
109. Power Systems, IEEE Transactions on
110. Proceedings of the IEEE
111. Product Engineering and Production, IEEE Transactions on
112. Professional Communication, IEEE Transactions
113. Quantum Electronics, IEEE Journal of
114. Reliability, IEEE Transactions on
115. Robotics & Automation Magazine, IEEE
 - Robotics, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
116. Security & Privacy Magazine, IEEE
117. Selected Areas in Communications, IEEE Journal on
118. Selected Topics in Quantum Electronics, IEEE Journal of
119. Semiconductor Manufacturing, IEEE Transactions on

120. Sensors Journal, IEEE
121. Signal Processing Letters, IEEE
122. Signal Processing Magazine, IEEE
 - Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
123. Software Engineering, IEEE Transactions on
124. Software, IEEE
125. Solid-State Circuits, IEEE Journal of
126. Spectrum, IEEE
127. Systems, Man and Cybernetics, Part A, IEEE Transactions on
128. Systems, Man and Cybernetics, Part B, IEEE Transactions on
129. Systems, Man and Cybernetics, Part C, IEEE Transactions on
130. Technology and Society Magazine, IEEE
131. Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
132. Vehicular Communications, IEEE Transactions on
133. Vehicular Communications, IRE Transactions on
134. Vehicular Communications, Transactions of the IRE Professional Group on
135. Vehicular Technology Magazine, IEEE
136. Vehicular Technology, IEEE Transactions on
137. Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
138. Visualization and Computer Graphics, IEEE Transactions on
139. Wireless Communications, IEEE Transactions on
140. Wireless Communications, IEEE [see also IEEE Personal Communications]

American Society of Mechanical Engineers International (ASME)

1. Applied Mechanics Reviews
2. Journal of Applied Mechanics
3. Journal of Biomechanical Engineering
4. Journal of Computational and Nonlinear Dynamics
5. Journal of Computing and Information Science in Engineering
6. Journal of Dynamic Systems, Measurement, and Control
7. Journal of Electronic Packaging
8. Journal of Energy Resources Technology
9. Journal of Engineering for Gas Turbines and Power
10. Journal of Engineering Materials and Technology
11. Journal of Fluids Engineering
12. Journal of Fuel Cell Science and Technology
13. Journal of Heat Transfer
14. Journal of Manufacturing Science and Engineering
15. Journal of Mechanical Design
16. Journal of Offshore Mechanics and Arctic Engineering
17. Journal of Pressure Vessel Technology
18. Journal of Solar Energy Engineering
19. Journal of Tribology

20. Journal of Turbomachinery
 21. Journal of Vibration and Acoustics

Journal List

	Name of the Journal
1.	ACM JOURNAL
2.	COMPUTERS MATERIALS & CONTINUA
3.	ACM COMMUNICATIONS
4.	ACM TRANS. ON INFN.SYS. SECURITY
5.	CSI COMMUNICATIONS
6.	COMPUTER NETWORKS
7.	INTERFACES
8.	ACM TRANS. ON PROGRAMMING LANGUAGE & SYSTEMS
9.	ACM SP.INT.GRP. PROGRAMMING LANGUAGES
10.	ACM TRANS. ON MATHEMATICAL SOFTWARE
11.	SYS ADMIN
12.	ACM SPL.INT.GRP.MGT.INFN. SYSTEMS
13.	ACM TRANS. ON MULTIMEDIA COMP., COMPUTING COMMS. & APPLICATIONS
14.	CAMBRIDGE JOURNAL OF ECONOMICS
15.	ENERGY POLICY
16.	JOURNAL OF INDUSTRIAL ECONOMICS
17.	JOURNAL OF INTELLECTUAL PROPERTY RIGHTS
18.	CORPORATE AND SECURITIES LAW, THE ICFAI JOURNAL OF
19.	AMERICAN JOURNAL OF SCIENCE
20.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH
21.	INDIAN SCIENCE ABSTRACTS
22.	AMERICAN MATHEMATICAL MONTHLY
23.	JOURNAL OF APPLIED MATHEMATICS & COMP.
24.	QUATRTERLY JOURNAL OF MATHEMATICS
25.	MATHEMATICS
26.	JOURNAL OF FOURIER ANALYSIS & APPLICATION
27.	POTENTIAL ANALYSIS
28.	CURRENT TITLES IN ELECTROCHEMISTRY
29.	INDIAN JOURNAL OF EXP. BIOLOGY
30.	BIOINFORMATICS
31.	INDIAN JOURNAL OF BIOCHEMISTRY & BIO PHYSICS
32.	INDIAN JOURNAL OF MICROBIOLOGY
33.	INDIAN DRUGS
34.	QUARTERLY JOURNAL OF MECHANICS & APP.
35.	IBM JOURNAL OF RESEARCH & DEVELOPMENT
36.	JOURNAL OF MATERIALS RESEARCH
37.	JOURNAL OF BIOMATERIALS SCIENCE
38.	MATERIALS SCIENCE & TECHNOLOGY

39.	APPLIED PHYSICS LETTERS (TIER 1)
40.	ELECTRICAL INDIA
41.	IEE REVIEW
42.	ASHRAE JOURNAL
43.	STRUCTURAL ENGINEER
44.	STRUCTURAL ENGG. & MECHANICS
45.	STEEL & COMPOSITE STRUCTURES
46.	COMPUTERS & CONCRETE
47.	INDIAN HIGHWAYS
48.	AMERICAN WATER WORKS ASSN. JOURNAL
49.	POLLUTION RESEARCH
50.	ENVIRONMENTAL POLLUTION CONTROL JOURNAL
51.	BUSINESS STRATEGY, THE ICFAI JOURNAL OF
52.	AEROSPACE SCIENCE & TECHNOLOGY
53.	IEE PROC. CONT. THEORY & APPLNS.
54.	ACCOUNTING RESEARCH, THE ICFAI JOURNAL OF
55.	JOURNAL OF BUSINESS
56.	IEEMA JOURNAL
57.	KNOWLEDGE MANAGEMENT, THE ICFAI JOURNAL OF
58.	MANAGEMENT RESEARCH, THE ICFAI JOURNAL OF
59.	APPLIED FINANCE, THE ICFAI JOURNAL OF
60.	FINANCERISK MANAGEMENT, THE ICFAI JOURNAL OF
61.	JOURNAL OF HUMAN RESOURCES
62.	ICFAI HRM REVIEW
63.	ICFAI JOURNAL OF ORGNL. BEHAVIOUR
64.	INDIAN JOURNAL OF INDUSTRIAL RELATIONS
65.	MANAGERIAL ECONOMICS, THE ICFAI JOURNAL OF
66.	INFORMATION TECHNOLOGY & MANAGEMENT
67.	INFORMATION TODAY
68.	ENTREPRENEURSHIP DEVELOPMENT, THE ICFAI JOURNAL OF
69.	PRODUCTION & OPERATIONS MANAGEMENT
70.	OPERATIONS MANAGEMENT, THE ICFAI JOURNAL OF
71.	SUPPLY CHAIN MANAGEMENT, THE ICFAI JOURNAL OF
72.	JOURNAL OF CONSUMER RESEARCH
73.	INDIAN JOURNAL OF MARKETING
74.	SERVICE MARKETING, THE ICFAI JOURNAL OF
75.	DERIVATIVES MARKETS, THE ICFAI JOURNAL OF
76.	BRAND MANAGEMENT, THE ICFAI JOURNAL OF
77.	CHEMICAL ENGINEERING
78.	JOURNAL OF CHEMICAL EDUCATION
79.	NANDHINI CHEMICAL JOURNAL
80.	PROCESS ENGINEERING
81.	ADVANCED BIOTECH
82.	INDIAN JOURNAL OF BIOTECHNOLOGY
83.	AMERICAN MACHINIST

84.	MACHINERY
85.	TURBOMACHINERY INTNL.
86.	PATON WELDING JOURNAL
87.	CONCRETE PRODUCTS

Central Library
Books Detail

Department	Titles	Books	Value
BIO-INFO	423	625	728723.92
ECE	2712	8171	4246193.30
MECHANICAL	2336	5612	2190569.67
PHYSICS	403	698	97156.40
INSTRUMENTATION	383	944	392509.17
CIVIL	839	1320	635597.58
GENERAL	1918	1502	1415993.49
EEE	1157	2243	1535315.49
CHEMICAL	676	1537	983588.31
CSE	5340	12798	5313479.88
BIOMEDICAL	178	263	351992.92
AERONAUTICAL	222	373	625399.73
REMOTE	10	10	3555.00
ENGLISH	220	314	43436.41
NANO	11	23	12283.00
MATHEMATICS	600	1546	347198.63
BIOTECH	509	1521	2871766.94
EDUCATION	1248	3274	1082986.08
MGT	2061	4872	1741621.80
ARCHITECTURE	1200	2400	4200000.00
	22446	50046	28819367.72

Department Libraries

S.No.	DEPARTMENT	REMARKS
1.	IT	<ul style="list-style-type: none"> ○ Automation of our Department Library. ○ Usage of Bar Codes in Department Library. ○ Providing Extra Books for Rank Holders. ○ Separate Library In charge for Department Library. ○ Issuing all the books to the students for all the subjects.
2.	CSE	Proposal of automation of department library.

3.	EEE	e-library facility is provided & facility to access IEEE and many other international journals
4.	ETCE	Fully computerized library with bar code access to all books.
5.	E&I	<ul style="list-style-type: none"> ○ Department library of EIE has a book bank for the first years (2007-11 Batch) for their additional references. ○ A digital storage database of projects that have been successfully completed by the students of earlier batches have been created in the Department Library for reference.
6.	E&C	<ul style="list-style-type: none"> ○ All books are bar coded ○ Issue and receipt of books are computerized ○ New books are purchased
7.	AERO	Library periods are added in the II year time table.
8.	CIVIL	Proposal of Automation of the department Library E journals
9.	CHEM	<ul style="list-style-type: none"> ○ No. of Books : 3771 ○ Total Cost : 9,15,312/- ○ International journals : 3 ○ National journals : 18 ○ Total Cost : 3505 /-
10.	MECH	<ul style="list-style-type: none"> ○ To improve the efficiency of library services LIBGENIE software worth Rs 1 lakh is purchased and used effectively. ○ Compared to the last academic year (2006-2007), the number of books have increased by 1473 for 41 titles and the number of members by 177 for a total cost of Rs. 155236.
11.	MECH&PROD	<ul style="list-style-type: none"> ○ Database of department library books have been developed. ○ New books are purchased for the 2007-2008 in the field of composites, metal cutting, design of experiments etc., ○ Provided a separate office for issuing, collecting books for students at central workshop. ○ Issue and receipt of books are computerized
12.	BIO-TECH	We have purchased books for this academic year.
13.	BIO-INFO	New books of Multiple copies were purchased.
14.	MCA	New library books were added in both even semesters and odd semesters for the Department Library. Additional books were recommended to the Central Library.

15.	M.Sc	Computerized
16.	VISCOM	Bar code system were installed
17.	PHYSICS	In addition to the existing 95 books, a list of around 50 books were recommended for purchase for the reference of staff and research scholars this year in the field of Engineering Physics, Atomic and Nuclear Physics, Electronics, Bio-Physics, Bio-medical Instrumentation, Optics, Acoustics, Mechanics and Theoretical Physics.
18.	B.ARCH	The digital library which contains the C.D;s of our students thesis projects, C.D of latest topics like sustainable architecture, passive and active solar architecture, Videos related to Architectural buildings and their history etc... has been updated.

ANNEXURE – V

33. Performance in sport activities (June 2007 – May 2008):

Achievements of our University Basketball Team			
S. No.	Title of the Tournament	Conducted at	Position
1.	South India Inter Collegiate Tournament	CMC, Vellore.	Winner
2.	State Level Inter Collegiate Tournament	A.V.V.M.P., Poondi.	Winner
3.	State Level Inter Collegiate Tournament	JAMAL, Trichy.	Winner
4.	South India Level Inter Collegiate Tournament	Loyola, Chennai.	Winner
5.	State Level Inter Collegiate Tournament	Kongu, Erode.	Winner
6.	South India Level Inter Collegiate Tournament	Karunya, Kovai.	Winner
7.	South India Level Inter Collegiate Tournament	Bescilious, Kottayam (Kerala).	Winner
8.	South India Level Inter Collegiate Tournament	Parasuraja, Vyanadu (Kerala).	Winner
9.	All India Inter Collegiate Tournament	IIT, Chennai.	Winner
10.	All India Inter Collegiate Tournament	Pondicherry.	Winner
11.	South India Inter Collegiate Tournament	Loyola College, Secuendrabad.	Winner
12.	State Level Inter Collegiate Tournament	Hindu College, Chennai.	Winner
13.	State Level Inter Collegiate Tournament	Viruthunagar.	Winner
14.	Tamil Nadu Inter University Tournament	Sathyabama, University, Chennai.	Winner
15.	South India Inter University Tournament	Bharathidasan University, Trichy.	Winner
16.	All India Inter University Tournament	Bharathidasan University, Trichy.	Winner

chievements of our University Volleyball Team			
S. No.	Title of the Tournament	Conducted at	Position
1.	State Level Inter Collegiate Tournament	Mookambigai, Trichy.	Winner
2.	State Level Inter Collegiate Tournament	Schred Heard, Trirupattur.	Runner
3.	South India Level Inter Collegiate Tournament	Loyola, Chennai.	Runner
4.	State Level Inter Collegiate Tournament	Vellaisamy, Madurai	Runner
5.	State Level Inter Collegiate Tournament	CDVA, Kovai.	Runner
6.	State Level Inter Collegiate Tournament	Kongu, Erode.	Runner
7.	State Level Inter Collegiate Tournament	Vels Srinivasa, Chennai.	Runner
8.	State Level Inter Collegiate Tournament	YMCA, Chennai.	Runner
9.	All India Level Inter Collegiate Tournament	Pondicherry	Runner
7.	State Level Inter Collegiate Tournament	Coimbatore District Volleyball Association, Kovai.	Runner
8.	State Level Inter Collegiate Tournament	St.Joseph's College, Trichy.	Winner
9.	State Level Inter Collegiate Tournament	Pondicherry.	Runner
10.	State Level Inter Collegiate Tournament	Gandhigramam University, Dindhugal.	Winner
11.	State Level Inter Engineering Tournament	Sri Venkateswara Eng. College, Chennai.	Winner
12.	Chennai District B-Division Volleyball Championship	Chennai.	Runner
13.	Inter Engineering Collegiate Tournament	Tamilnadu Inter Engg. Sports, Kelakarai.	Winner
14.	Tamil Nadu Inter University Tournament	SRM University, Chennai.	Runner
15.	South India Inter University Tournament	Andra University, Vizahapattanam	Winner
16.	All India Inter University Tournament	Dr. Ambedkar University, Aurangabad.	Winner

Achievements of our University Football Team			
S. No.	Title of the Tournament	Conducted at	Position
1.	South India Inter Collegiate Tournament	CMC, Vellore.	Winner
2.	State Level Inter Collegiate Tournament	A.V.V.S.M., Poondi.	Winner
3.	State Level Inter Collegiate Tournament	YMCA, Chennai.	Winner
4.	South India Inter Collegiate Tournament	VIT University, Vellore.	Winner
5.	Tamil Nadu Inter University Tournament	Ramakrishna University, Kovai.	Winner

ANNEXURE – VI

Student's achievements and awards:

S. No.	Department	Name of the student	Achievement
1.	Information Technology	R. Anitha, R. Deepika	Second Prize for best paper presentation in Sri Venkateshwara College of Engineering.
		R. Anitha, R. Deepika	Third prize in Sri Velammal Engineering College.
		T.Ezhil, Divya & Indrajith	Second Prize in SRR College of Engineering
		R.Anitha Rani and R.Deepikha	First Prize in Panimalar Engineering College
		Nidhika Varma and S. RajaLakshmi	Second Place for best paper presentation in KAni PAllaval Engg. College
		Aravindhakshan R, Juzer and Rohit Verma	Second Prize in Sri Sai Ram Engineering College in poster design competition.
		Juzer	Second Prize in Sri Sai Ram Engineering College in web design competition.
2.	Electronics & Control Engineering	Animesh Mohit Dixit	National Seminar Conducted by Bapu Rao Deshmutch College of Engineering, Vardha
		Siddharth Mehrotra	International Conference on “Trends in Intelligent Electronics Systems” in Sathyabama University.
		Siddharth Mehrotra	Event “ SOLENOPSIS” in Anna University
		Ashok Kumar .H.Patel Srikanth Singh Aniket Kumar Pandey	Workshop on “ VLSI Design” Conducted by IIT
		Anup Kumar Ankur Raj Swaroop Shubham Anand	Workshop on “ Embedded System and VLSI Design in Robotics” Conducted by IIT
3.	EEE	K.Vidyadhar.Reddy Kaushik Krishna Lalith kumar.N	Won 2 nd prize in Workshop on equity, Robotics Competition held on 22 nd January 2008, Anna University.
		P.Srinivasa Rao K.Arun balaji E.Krishna prasad	Won 2 nd prize for best designing in Freightocog (Robotic competition) held on 22 nd January 2008, Anna University.
		Anupam Mishra	Quiz & Circuit Design at Crescent Engineering College 2 nd prize.
		Shyam.R.Chandran	Quiz & Circuit Design at Crescent Engineering College 2 nd prize
		Amit Sapru Gireesh .S.Babu	Paper presentation, Workshop on equity, held at Anna University 23 rd January, 2008.
		Sarbari Das	Tata crucible quiz, Workshop on VLSI-DSP7 th held at Anna University on March, 2008.

4.	Electronics and Instrumentation Engineering	Utham Kumar Piyush Pankaj	Secured Best Paper presentation award in Electron '07.
		Utham Kumar Amit Choudhary	Won I st prize for How stuff works in SSN College of Engg.
		Praveen Mizra	14 th place for Capture the flag in IIT, Chennai.
		Iyer Venkatraman Piyush Pankaj	III prize for Circuit Debugging in Electron '07 organised by Sathyabama university.
		Sean Alvin Mark D'Costa Saravanan.R Srinivas sai shreyas Naveen Balaj.B.L Iyer Venkatraman Utham Kumar Piyush Pankaj	III prize in Mock Interview held at Sai Ram Engg College (XANTELLA '07)
		Sean Alvin Mark D'Costa Saravanan.R Srinivas sai shreyas Naveen Balaj.B.L Iyer Venkatraman Utham Kumar Piyush Pankaj	Won II prize in Bosch Quiz held at I.I.T, Chennai SHAASTRA'07
		Sean Alvin Mark D'Costa Saravanan.R Srinivas sai shreyas Naveen Balaj.B.L Iyer Venkatraman Utham Kumar, Piyush.	Won II prize for Mock Interview in Meenakshi Sundarajan College of Engineering (PRANAV 08)
		Prateek Raj	I prize for Paper Presentation on "Micro controller Based Intelligent Cooling System for IC Engine" held at Vellore Institute of Technology, Vellore.
5.	Mechanical Engineering	S.Vignesh	Won first prize in national level technical symposium held at Adhiparasakthi college, Melmaruvathur.
6.	Visual Communication	Mr. Arun Kumar	Got first place for his short film in Hindustan college film festival and received cash prize of Rs.10,000/- and third place for the same short film in Tamil Nadu short film association.
7.	Mechanical and Production Engineering	Mohan George Thaliath Jerin Jose Thomas Justin Pradeep	Overall First prize in "Technovation 08" competition held on 17 th March to 19 th March 2008.
		Under-Graduate students	Won First prize in the design competition held on "Design of Climbing Robot" by Robotics Institute.

8.	Biotechnology	Aiswini. R R. Ramalaskhmi	Best Poster presentation award in NTNBT - 2008, Organized by Sathyabama University, Feb 14-16, 2008.
		Dandeep Bose Edward GnanaJothi Kuruvila, Saranya P., Vasanthi, Geetha	Won 1 st , 2 nd & 3 rd in the Intra department level Quiz Competition on March 2008.
		Siddharth Mehrotra	Secured the merit rank in NITAT
		Tapan Kumar	Secured 93% in Gate
		Hridaya Dixit	Championship for athletics - Girls
		Alok Kumar Md.Hasnain Akhter	Won II prize in National Conference Conducted by AISSM College of Engineering, Pune.
9.	Electronics and Telecommunications	Rari Teja	I Prize-in RIPPLE-2K7 held in RGM,Kurnool
10.	Architecture	Ms. Sheerja Iyer	Awarded the second prize in the Best thesis projects conducted by IIA
		Diwakar Kaushik	Got 1 st prize in the Technovision, conducted by Sathyabama University, 2008.
		Vishnukumar	The Indian Architects and Builders – a well known architectural magazine has selected his project work for publication.
		Om visagha, Selvapraba, Aparajitha	Won 1 st prize in the Architectural competitions conducted by Pidilite.
11.	Mechanical Engineering	Collin Anand	Presented a paper on Analysis of Nanothermodynamics at National Institute of technology, Trichy.
		Eben George Philip	Presented a paper on Smart materials properties at Jaya Engineering College, Thiruninravur, and Chennai-24.
		S.R.Chandra Shashidhar K	Made a Solenopsis robot for KURUKSHETRA'08, Anna University.
		Collin Anand	Presented a paper on Structural analysis of NanoRobotics in Medical Use at Viveknanda Institute of technology, Thiruchencode.
		G.Dilipkumar and A. Mohammed Khalid	Developed a Battery operated Car for University use.

12.	Computer Applications	K Kumar, Vasudeva Rao V	“Better cycle finding algorithm to find MD5” in the “National Conference in Technical Research Areas” at SRM University, Tamil Nadu.
13.	Bioinformatics	Mr.Alex Mathew	II prize for Best Paper presentation at the National symposium on Recent trends in Bioinformatics, SVCE,Chennai.
		Mr.Brian Gomes and Harish Chander	II prize for Best Paper presentation at the National Symposium on Bioinformatics at St.Joseph’s College of Engineering,Chennai.
		Miss.E.Nisha Pillai	First prize in quiz competition (Traxion (2007)) Miss.E.Nisha Pillai at SVCE, Chennai.
		Miss.K.Aishwarya	First prize in Tamil Debate competition Miss.K.Aishwarya in Sathyabama University, Chennai.
14.	VISCOM	U.G Students.	Short film directed by third year student got state level best short film award.
		Om visagha, Selvapraba, Manasi, Aparajitha and Christy	A paper titled “Pondicherry – An effort from Decline” authored by Final year Students has been accepted for presentation at the International conference on Vernacular Architecture organized by CEPT, Ahmedabad.

ANNEXURE – VII

Placement Summary 2007-08 (As on 16.04.08)				
Total Number of Students placed				1473
Total number of companies				106
Top 20 Recruiters (Based on the number of offers made) - This academic year				
Sl. No	Date	Name of the Company	Company Location	# of Students Selected
1	20.06.07	Cognizant	Chennai	330
2	25.06.07	Wipro	Chennai	178
3	28.06.07	HCL	Noida	61
4	02.07.07	Satyam	Hyderabad	54
5	05.07.07	Caritor	Chennai	39
6	23.01.08	CeasFire	Chennai	17
7	16.07.07	HP	Bangalore	16
8	12.07.07	L& T Infotech	Chennai	15
9	26.07.07	EDS	Chennai	15
10	02.11.07	Bharti Axa	Chennai	14
11	30.10.07	ICICI Prudential	Hyderabad	12
12	22.01.08	India Infoline	Chennai	11
13	26.10.07	Photon Infotech	Chennai	15
14	09.08.07	Accenture	Bangalore	10
15	10.09.07	Jhindal Steels	Bangalore	10
16	16.11.07	BPL Medical Systems	Bangalore	7
17	20.12.07	Reliance Life Insurance	Chennai	7
18	17.03.08	Shriram Groups	Chennai	7
19	12.11.07	CTS (B.Sc)	Chennai	6
20	07.03.08	Jain Housing	Chennai	6
Most recent Recruiters' List				
1	22.02.08	Sanmar	Chennai	3
2	03.03.08	Infotech Enterprises	Chennai	2
3	07.03.08	Jean Martin	Chennai	1
4	08.03.08	Jain Housing	Chennai	6
5	11.03.08	Religare	Chennai	4
6	17.03.08	Shriram	Chennai	7
7	28.03.08	Syntel	Chennai	1
8	02.04.08	Atelier	Bangalore	4
9	09.04.08	William Hare	Chennai	4
10	15.04.08	Accell Technologies	Chennai	2



SATHYABAMA UNIVERSITY

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(A Christian Minority Institution)

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